

Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

FEBRUARY 1997

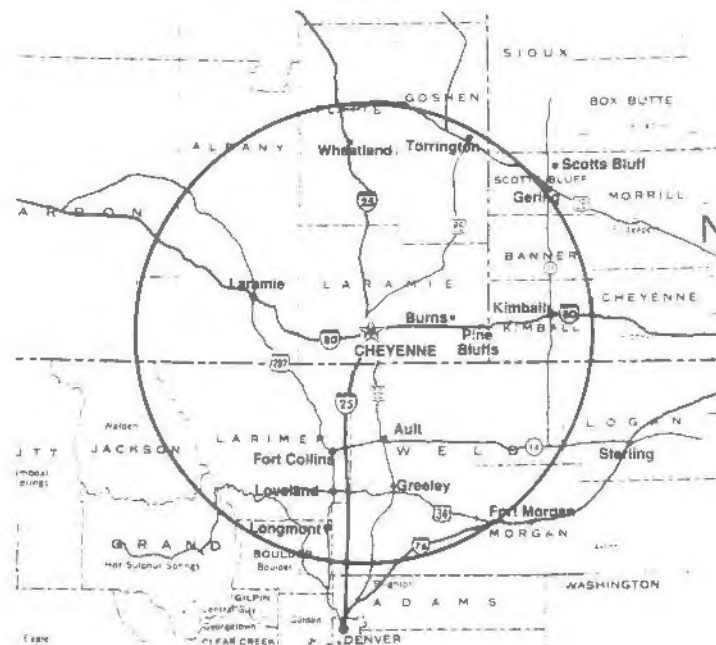
COVERAGE



K-MUS 102

The Best Country

CHEYENNE • WYOMING



- KMUS coverage map
- 50 microvolt per meter coverage contour (34 dbu)
- one inch = approximately 40 miles

Lower Co-ordinates No. Lat 41 07' 01"
We. Lon 104 40' 07"



WORLDWIDE TV-FM DX ASSOCIATION
P O BOX 17333 • ASHEVILLE, NC 28816 • U.S.A.

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11/97

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WORLDWIDE TV-FM DX ASSOCIATION SERVING THE VHF-UHF DX ENTHUSIAST

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCAST SIGNALS AT VHF AND UHF. W.T.F.D.A. IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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FROM THE STAFF:

PEACHY! Our 1997 convention in the 'Peach State' is beginning to take shape. As to dates, August 1, 2 and 3 are tentative but will likely become official soon. Host John Broomall is in the process of firming up details. Before making a final announcement, he would like to hear from WTFDA members regarding their preference of a meeting site in or near Atlanta, or in the North Georgia mountains near Cohutta. Any other suggestions, ideas, or questions are also invited. Please direct your comments to him at 715 Wood Terrace Court; Doraville, GA; 30340 (fax 770-840-7707). At present John does not have an e-mail address (he says his computer is 'possessed'). *Note: Convention coordinator Tom Bryant is giving John a hand with this informal poll, and some of you have already responded to an e-mail note on the topic. You may contact Tom at 102037.452@compuserve.com.*

LOOSE ENDS: During 1996 several proposals to improve and streamline the WTFDA were successfully implemented. Meanwhile, a few projects have gone adrift or fallen through the cracks. Jump-starting these programs is a high priority for 1997. Among areas to be activated are the cross-promotion arrangements with the major AM DX clubs; and a study to determine why our membership is dropping. An effort to get former members back on the club roster is being considered.

WTFDA Mailbox

Worldwide TV-FM DX Association
PO Box 17333
Asheville, NC 28818-7333

February, 1997 Edited by: Matthew C. Sittel E-mail: 76255.2171@Compuserve.com

February, 1997 Renewal\$ Due:

Marty Barvinchak, James A. Brown, Jr., John D. Buehler, Dan Cashin, Steven Cornell, Dan Dankert, Bill Dulmage, Nathaniel Ely, Harry J. Hayes, William R. Hepburn, William Higgs, Malcolm P. Hunt, Clay Jackson, Frank Merrill, Russell Miller, Joe Perge, John Zeis.

New members! Welcome!

Robbie Laird, Woods Hole, MA

* Lenny Goldberg, Ashland, OR

Danny Buntin says that WAFR doesn't have a "message from the heart". In my opinion, Rev. Donald Wildmon is one of the heroes of the Christian faith, often single-handedly fighting the profanity and immorality that characterize TV (and sometimes radio) today. I subscribe to the American Family Association newsletter, and use Lifeline as my long-distance carrier, which donates 10% of my bill to the AFA. WAFR is a mainstream Christian station, carrying such popular programs as "Focus on the Family". While TV Guide and Time might attack WAFR, I don't believe that the VUD should become a political or anti-Christian gossip sheet. If WAFR is cramping your DXing style, that's one thing, but please leave your hatred against the so-called "religious right" out of it. On the other hand, the "Family Radio" network and TBN television are hotbeds of false teaching that deserve to be criticized, albeit without hatred, please.

Next Buntin attacks pirate radio as further infringing on his right to DX. What would be wrong with having hundreds or even thousands of new stations to try and ID? Local or semi-local LPFM's could be nulled if necessary. I, for one, am ready to queue up at a moment's notice with my \$6,000, if low power FM becomes legal. The music I enjoy is not on the radio at all (50's and 60's doo-wop, R&B, gospel, rockabilly, mainstream jazz, and klezmer), at least not around these parts.

The thing that is hurting DX around here is translators. This is a hilly area, and so every broadcaster thinks they need a high-powered translator in every town. One station has 50 of them, effectively rendering the educational band useless. They all gang up their translators around their primary signal and make whole sections of the FM band unusable for DX.

What can we do about all this? We can buy more sophisticated equipment, we can move to the west coast of Vancouver Island, or we can dust off the old stamp or coin collection. But let's not find scapegoats to blame for the challenges of our hobby.

Mike Sanburn sends word of the 1997 IRCA Convention, to be held July 25-27, 1997 at the Holiday Inn Bristol Plaza in Costa Mesa, CA. Registration fee is \$35, and you can contact Mike for more information at PO Box 1256, Bellflower, CA 90707, or call Mike evenings at (310) 614-1444.

Also, if you'd like a sample copy of IRCA's publication, *DX Monitor*, send one first-class postage stamp to IRCA HQ, PO Box 1831, Perris, CA 92572. Thanks to Mike for this information!

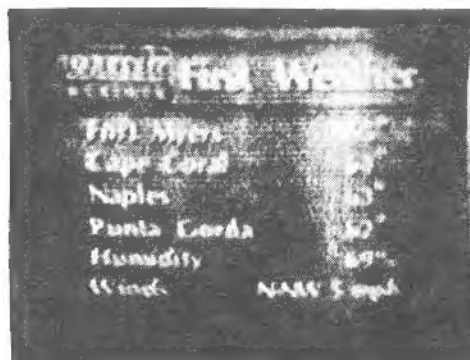
That's all for this month. Until next time.....73s Matt

PHOTO-NEWS

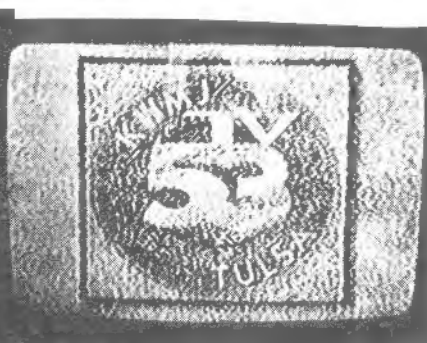
Jeff Kruszka, Editor
5024 S. Braxton Ave.
Baton Rouge, LA 70817
February 1997

Photos this month from yours truly:

Equipment: 1992 Zenith "Sentry 2" 13" color TV, Channel Master 4228A screened 8-bay w/RDX Labs UA-900 preamp for UHF, Channel Master 1114 Crossfire w/RDX Labs UA-702 preamp for VHF, both @20 ft. AGL. DX videotaped w/Sony Handycam model CCD-TR91.



WINK-11 Ft. Myers, FL
625 mi Tr seen 10/20/96
@2216 CST
caught while local K11TT blinking
on and off for 5 sec each



KWMJ-53 Tulsa, OK
480 mi Tr seen 8/4/96
@0700 CDT



KXII-12 Ardmore, OK
430 mi Tr seen 8/4/96
@0617 CDT



KDOR-17 Bartlesville, OK
515 mi Tr seen 8/4/96
@0800 CDT



EDITED FOR THE 'VHF/UHF DIGEST' BY TOM BRYANT,
849 TODD PREIS DR., NASHVILLE, TENNESSEE, 37221

Several readers have requested another reprint of a bulletin from the WTEFA's predecessor, The American Ionospheric Propagation Association. Pardon the poor reproduction, but keep in mind that the original copies from a mimeograph machine didn't look all that great in the first place. Read on for news of 40+ years ago.

AMERICAN IONOSPHERIC PROPAGATION ASS'N
Volume 3, Number 8
FCC News.....

Aug. 6, 1956

Compiled by Art Collins
Applications:
13 Duraka, Cal.
3 Salem, Ore.
9 Aberdeen, S.D.
10 Vail Mills, N.Y.
32 New Orleans, La.

Call Letters Assigned
2 KOTI-(TV) Klamath Falls
from KFJI-TV.
5 WIAL-TV Raleigh, N.C.
8 KOLD-TV Reno, Nev.
change from KZTV(TV)
9 KOLF-TV Flagstaff, Ariz.

Ch. Shift
KOLF-TV Butte, Mont. to 4 from 6

New TV's on in past-month.
WESH-TV ch. 2 Daytona Beach, Fla.
WISN-TV ch. 3 Madison, Wis.
CFCL-TV ch. 6 Timmins, Ont., Canada.
MTV ch. 9 Tupelo, Miss.
CTCY-TV ch. 13 Charlottetown, P.E.I.
WTRI ch. 55 Albany, N.Y.

Target Dates Etc.
KDIX-TV ch. 2 on about Oct. 1st. GBS-TV
(KDIX-TV is in Dickinson, N.D.)
WGET(TV) ch. 7 Miami, Fla. testing as of
now and plans July 29th. start.
KUAL-TV ch. 3 Agaña Guam. start 8/5/56.
WELI-TV ch. 10 Elmhurst, N.Y. start 9/15/56
WALK-TV ch. 40 Anderson, S.C. ABC-TV 7/15.
WHTT(TV) ch. 5 Wilmington, N.C. Cancelled
their CP & call deleted.

Aug. TV-DX Test. Arranged by Art Collins.
CJCB-TV ch. 4 Sydney, Nova Scotia. Will be on Sunday morning Aug. 26th.
starting at 3:00 to 4:00 A.M. EST. Test pattern and 400 ops. tons.
Will be running 180 Kw. in a S.W. direction of Sydney.
Mail reports to R.J. Norton, P. Chief Engineer. (Try for them)

Art Collins 68 Amber Street Buffalo 20, N.Y.

New Members...Addresses:

Bernard E. Rauch John B. Clark Charles Rayner Jr.
502 East Kansas Ave. 300 5th St. P.O. Box 450
Peoria, Illinois Rock Island, Ill. Marianna, Arkansas

James Koverth Frank Greene Ed Nepp
84 Mower St. 504 W. Second St. 4512 N.E. 37th Ave.
Worcester 2, Mass. Roswell, New Mexico Portland 11, Oregon

Ghislain Girard Ivon Harris Carlon Howington
248 Couture Str. 10 N. Hillside Ave. Box 427 Switzer Rd.
Arvida, Quebec-Can. Chatham, New Jersey Uniontown, Ohio

Bill Eckborg Wayne Blanton Russell R. Cain
R.R. #2 Box 23 930 Evans Ave.
Walnut, Illinois High Falls, New Mex. Reno, Nevada

Larry W. Vohorn Charles F. Hill
1120 Allison Avenue 827 4th Avenue
Speedway 24, Indiana Gallipolis, Ohio

FM NEWS

FEBRUARY 1997

Many of the items listed in this column are taken from the publication:
M Street Journal - P.O. Box 1479 - Madison, TN 37116-1479
PHONE (615) 865-1525 FAX (615) 865-2598

KEY:

& satellite programming
 AF: new freq. allocation **accepted** for filing
 for a new FM license
 CC: call change/new calls assigned
 CL: city of license change granted
 CO: new xmr co-ordinates
 CX: a CP has expired, and is cancelled
 C1, C2, etc: change in class status
 DA: directional antenna
 DE: calls deleted, license returned to FCC
 FC: station format change

GA: granted amendment to table of FM allocations
 GE: station was granted extension of a CP
 GX: granted replacement of expired CP
 LC: filed for license to cover (for new str.)
 MC: multiple-city legal ID
 NC: no change yet, on a reported
 pending grant/change
 ND: non-directional
 NO: station is **not** on the air
 NS: a new station granted a license
 OSA: one-step application
 NW: new station signs on the air
 PA: proposed amendment to change
 table of allocations
 PC>: a power change (increase)

PC<: a power change (decrease)
 PG>: power change granted (increase)
 PG<: power change granted (decrease)
 QC: frequency change for this station
 QG: frequency change granted
 RA: station returns to the air
 RE: station requests extension of a CP
 RX: station requests re-instatement of
 an expired CP
 SG: slogan change or update
 SI: station is silent
 XA: **deceased** amendment in the table
 of FM allocations
 XC: station changes xmr site
 XG: station granted a transmitter (xmr)
 site change



UNITED STATES

ALABAMA:

Bay Minette: WAVH106.5 CL to Daphne, AL granted
 Birmingham: WZRR99.5 NC to 100 kW,
 1014' class C, GX
 Birmingham: WYSF 94.5 CC (ex WMXQ), "Soft Rock"
 Brantley: WDHT104.3 NO-GE
 Butler: WQGL 93.5 NC to 32 kW, 610 ft, C2, GE
 Eva: WRJL 99.9 NW, southern gospel
 Florence: WQLT107.3 CX CP for C1, 93 kW, 1017'
 Jackson: WHQD 94.5 PG> 30 kW, 640 ft, DA
 XG: 31-28-59 / 87-47-27
 Thomaston: *** 97.7 GA: add class A
 Troy: W242AF96.3 NS-27w: WKXN 95.9

ALASKA:

Barrow: KBRW 91.9 LC
 Houston: KADX 94.3 OSA to 94.7 - C2, 50 kW,
 371 ft, XG: 61-29-03 / 149-45-52
 Juneau: KAMT 100.7 NO-RE
 Ketchikan: KGTW106.7 FC to country
 Valdez: *** 93.3 PA to add class A

ARIZONA:

Holbrook: K212EM90.3 NS-250w: WAFR 88.3 MS
 Prescott: KPUB 89.3 CC (NS)
 Wilcox: *** 92.5 GA to add class C3
 Wilcox: KWGX 98.3 GA: to 104.9 - C3
 Yuma: *NS 91.9 25 kW, 213 ft.

ARKANSAS:

Bald Knob: KKSX 107.1 PC> 19 kW, 305 ft, C3
 DeWitt: KDEW 96.7 QG to 97.3, C2, 50 kW
 272 ft, XG: 34-25-52 / 91-26-08
 Forrest City: KARH 88.1 12.5 kW, 279 ft (AFA)
 CC (NS)
 Jonesboro: KAOG 90.5 LC
 noke: KMZX 106.3 NC to 50 kW, 492 ft, C2, RE

Arkansas:

Malvern: KISI 101.5 FC to Jones oldies (&)
 Mena: *** 105.3 GA for class C3
 Pangburn: *** 99.1 PA for class A
 Wilson: KAFW103.7 NO-RE

CALIFORNIA:

Avalon: KRCI 92.7 PG> 6 kW
 Bakersfield: KTQX 90.1 PC< 570w, 3621 ft, class B
 XC: 35-27-11 / 118-35-25
 Bakersfield: KSMJ 96.5 CC (ex KHIS), FC to smooth
 jazz
 Bakersfield: KCWR107.1 CC (ex KTIE), adds
 Real Country (&)
 Calexico: KQVO 97.7 PG> 6 kW, 305 ft.
 Central Vly: KNNN 99.3 NC to 4.2 kW, 1545', C2, GE
 Coalinga: KNGS100.1 NO-RX
 Dunnigan: KLNA 105.5 RA w/ Spanish contemporary
 E. Porterville: KOJL100.5 NC to 2.1 kW, 1101', B1, RE
 Escondido: KOWF 92.1 FC to classical (&) (S. Diego)
 Fairfield: *NS 91.5 75w, 649 ft.
 Fairmead: *NS 91.1 15 kW, 256 ft.
 Felton: KHIP 93.7 NO-RE
 Ferndale: KAJK 99.1 QC from 99.3, now C1
 PC> 6 kW, 1715', XC: 40-30-03 / 124-17-08
 Fresno: KVSF 101.1 CC (ex KRBT), "Star 101"
 Greenfield: KSEA 107.9 NO-GE
 Indio: KCXY89.3 PG> 3 kW, class B1
 Lindsay: KZPO 103.3 NO-GE
 Livingston: *NS 89.1 5.8 kW (v), 233 ft.
 Los Angeles: KIBB100.3 PC> 15 kW, 1125 ft, DA
 XC: 34-07-08 / 118-23-20
 Madera: KMMM107.3 OSA to class B1, QG to
 107.1, PG> 9.9 kW, 515 ft, XG
 Morro Bay: KWWW 99.7 NC to 265w (dir), 1532 ft.
 DA, XC, RE

KQLH LOVES ME!

FM NEWS

California:

Orland: KRQR106.7 FC to modern rock (Chico)
 Paso Robles: K295AG 106.9 NS-40w(v): KFRB 91.3
 Paso Robles: KDD892.5 NC to 4.8 kW (dir), 1486', RE
 Quincy: KSPY 100.3 NW, variety (ranging from
 country, to jazz, among others)
 San Luis Obispo: KZOZ 93.3 NC to 23 kW, (dir),
 1548 ft, XC, RE
 San Mateo: KCSM 91.1 PC< 11.5 kW (dir), 371 ft
 Santa Ana: KWIZ 96.7 FC to romantica (Anaheim)
 Santa Rosa: K238AF95.5 NS-250w(v), DA: KRAZ (?)
 Santa Ynez: KAGA105.9 NO-RE
 Selma: K211DA90.1 NS-120w(v): KMRO 90.3
 Stockton: KJQN 89.5 CC (ex KSJC)
 Thousand Oaks: KNJO 92.7 PG> 1.7 kW, 630 ft.

KZOZ 93.3

The Central Coast Classic

COLORADO:

Estes Park: KEZZ 102.1 CC (NS)
 Montrose: KKKX 94.1 PC> 100 kW, 1883 ft.
 Salida: *** 93.7 PA for class C3
 Vail: KPFE 89.9 inc. to 351 ft.

CONNECTICUT:

E. Lyme: WXZR 98.7 FC to Jones adult alter. (&)
 Pawcatuck: WKCD107.7 FC to Jones smooth jazz (&)

DISTRICT OF COLUMBIA:

Washington: WETA90.9 PG> 15 kW, 538 ft.

FLORIDA:

Arcadia: WWRZ 98.3 NC to 50 kW, 459 ft, C2
 XC: 27-28-47 / 81-47-58
 Belle Glade: WBGF 93.5 FC to Jones country (&)
 DeFuniak Sp: WAKJ91.3 NO-GX, LC
 Gainesville: W216AY91.1 NS-10w(v): WPCS 89.5
 Graceville: WYDA101.7 LC
 Holly Hill: WANX 88.1 NO-RE
 Homestead: WXDJ 95.7 NC to 40 kW, 548 ft, DA, C2
 CL of N. Miami, XC, RE
 Key Largo: WZMQ103.9 QG to 106.3, 430 ft
 LaBelle: WKZY 92.5 PG> 6 kW, 161 ft, C3
 XG: 26-44-23 / 81-27-44
 Lehigh Acres: WCKT 107.1 PC> 28.5 kW, 649 ft.
 Marathon: WCKT 97.7 OSA for 456 ft,
 XG: 24-40-01 / 81-25-00
 Mexico Bch: WSHF 99.3 FC to modern rock (&)
 Naples: *NS 88.1 16 kW (v), 151 ft.
 Nocatees: *** 105.3 GA: add class A
 Port St. Joe: WEBZ93.5 CC (ex WEBZ), FC to
 standards // WDLZ 590 Panama City
 Punta Gorda: WIKX92.9 PG> 100 kW, 476 ft, C1
 XG: 26-53-49 / 82-14-22
 Sarasota: WSMR 89.1 adds SKY cont. Christian (&)
 CC (ex WAYG)
 Springfield: WYOO101.3 FC to talk, adds Stan Major
 Tampa: WUKS100.7 CC (ex WUSA) "Kiss 100.7"
 NC to 1210 ft, class C, GE
 Tice: WAAD 93.7 NO-GE
 Watertown: WQLC102.1 adds Hot Country (&)

FEBRUARY 1997

GEORGIA:

Ashburn: WFFM105.7 FC to adult alternative (&)
 Atlanta: WZGC 92.9 drops Greaseman mornings
 Bainbridge: *** 101.9 PA: add class A
 Bolingbroke: WDBS102.1 SI, this station came on the air
 without permission from the FCC
 Clayton: WRBN104.1 CC (ex WQXJ)
 Coosa: WSRM 95.3 NO-CX-DE, RX
 Cordele: WKKN 98.3 reported SI
 Dahlonega: WKHC104.3 NW, Real Country (&)
 Dahlonega: WNGU 89.5 CC (NS)
 Dalton: WYYU104.5 PG> 6 kW
 Gibson: *NS 94.3 AF
 Glennville: WKIG 106.3 PC> 6 kW
 Griffin: W290AG105.9 NS-27: WYFK 89.5 Columbus
 Harlem: WCHZ 95.1 FC to 70's oldies (&) (Augusta)
 Reidsville: WRBX104.1 PG< 2.4 kW, 364 ft.
 Ringgold: WMPZ 93.7 FC to urban gold (&)
 Savannah: WZAT102.1 dec. to 1305 ft.
 XG: 32-03-32 / 81-17-57
 Statenville: *NS 97.5 6 kW, 328 ft.
 Sylvester: WRXZ106.1 FC to adult alt // WFFM 105.7
 Toccoa: WSTE106.1 CC (ex WLET), FC to country
 also adds After MidNite
 Valdosta: WYZK 96.7 NC to 50 kW, 492 ft, C2, RE
 adds Moby

HAWAII:

Lihue: *NS 88.9 60 kW, 364 ft.

IDAHO:

McCall: *NS 98.3 AF
 Moscow: *** 103.3 PA to add class A
 Pocatello: KMG1 102.5 FC to rock "Rock 102"
 St. Maries: *** 92.1 PA for class A
 Sun Valley: KECH 95.3 OSA to class C1, 5.9 kW, 2152'
 Wallace: *NS 100.7 AF
 Wallace: *NS 97.5 AF

ILLINOIS:

Ava: WXAN103.9 PC> 2.9 kW
 Carlyle: WCXO 96.7 NO-RE
 Carthage: WZBN 92.1 reported SI
 Chicago: WMBI 90.1 NC to 100 kW (dir), 443', GE
 Crest Hill: WCCQ 98.3 PG> 3.6 kW, 426 ft,
 XG: 41-26-32 / 88-12-15
 Gibson City: WGCY106.3 PC> 6 kW, 321 ft.
 Mt. Vernon: WAPQ 90.5 LC
 Oregon: WQXM106.1 NO-GE
 Pekin: WCIC 91.5 PG> 50 kW, (dir), 331', DA
 Pittsfield: *NS 91.7 AF (Illinois Bible Inst.)
 St. Joseph: WGNJ 89.3 NO-GE
 Watseka: WGFA 94.1 PG> 50 kW, 364 ft
 XG: 40-47-37 / 87-45-17

INDIANA:

Bremen: WHPZ 96.9 CC (ex WYEZ), FC to
 contemporary Christian (South Bend), "The Pulse"
 Charlestown: WLTX104.3 CC (NS)
 Connersville: WIFE100.3 XC: 39-38-15 / 85-05-45
 Corydon: WFSR107.7 NC to 31 kW, DA, class B, RX
 Crawfordville: *NS 91.3 2.2 kW (v), 194 ft.
 Crown Pt: WXR103.9 CC (ex WZCO)
 Evansville: *NS 107.5 2.350w, 518 ft, DA
 Indianapolis: WHHH96.3 PC> 3.3 kW, 285 ft
 Jeffersonville: WQMF95.7 FC to classic rock (Louisville)

FM NEWS

FEBRUARY 1997

Indiana:

Madison: *** 101.1 PA to add class A
Mishawaka: W300AL 107.9 NS-4w: WQKO 91.9 Howe
Seymour: WJLR 91.5 CC (ex WKLO)

IOWA:

Atlantic: KXKT 103.7 PG> 100 kW(h), 1014 ft
XG: 41-18-40 / 96-01-37, CL to Glenwood, IA
Belle Plaine: KXPW95.5 NO-RX
Bettendorf: KORB 93.5 PG> 6 kW
Burlington: KKMI 93.5 PG> 6 kW
Charles City: KCHA95.9 FC to Jones a/c (&)
Madrid: *NS 96.1 2.5 kW, 515 ft, DA
Marshalltown: K21BCE 91.5 NS-100w(v): KAWZ 89.9 ID
New Hampton: KCZE 95.1 adds Jones a/c (&)
Osage: KCZY 103.7 adds Jones a/c (&)
Osceola: KJJC 106.9 FC to sports, "The Jock"
Red Oak: KCSI 95.3 NC to 20.5 kW, 364 ft, C3, RE
Waukon: KNEI 103.5 QC from 103.9, PG> 9.3 kW
574 ft, XG: 43-18-28 / 91-27-18

KANSAS:

Horton: KAIR 93.7 adds CD Country (&)
Salina: *NS 88.5 46 kW, 394 ft, DA (A.F.A.)
Wichita: KZZD 90.7 CC (ex KIBN)



KENTUCKY:

Benton: WAAJ 89.7 LC
Brodhead: *** 101.9 PA to add class A
Elkhorn City: WPKE 103.1 NC to 320w, 1397', DA, RE
Frankfort: W202AZ 88.3 NS-19w: WYFG 89.3 SC
Greenville: WKYA105.5 CC (ex WWHK), FC to Jones Country (&)
Hartford: WKHB106.3 adds CD Country
Mt. Vernon: WXJJ 102.9 NO-CX-DE
Paducah: WGC 89.3 NW, religion
Russellville: WJZC 101.1 CC (ex WJCE), "Jazz"
Stanford: *** 101.9 PA to add class A
Whitley City: WHAY105.9 GA: to 98.3 - A

LOUISIANA:

Abbeville: KROF 105.1 SG "105-1 The Gator"
Alexandria: KOUZ 89.9 NO-RE
Alexandria: KFAD 93.9 SG "Magic 93.9"
Basile: KSIG 102.1 OSA to C1, 100 kW< 981 ft, XG: 30-05-13 / 92-22-54
Baton Rouge: WYNK101.5 drops "Wink" slogan except for occasionally
Baton Rouge: WJFM 88.5 PG> 30 kW (cir), class C2
Boys: KBCE 102.3 SG "102 Jamz"
Coushatta: KSBH 94.9 SG "94.9 The River"
Donaldsonville: KKAY 104.9 FC to oldies (&)
SG "Bayouland Oldies 104.9"
Dry Prong: KVDP 89.1 PG> 4.5 kW
Erath: KPEL 107.7 NC to 107.9, 100 kW, RE
Franklin: KAKA 98.9 LC
Homer: KZXB 106.7 NO-GE
Jonesville: *NS 105.1 AF
Kentwood: WEMX 94.1 FC to urban (Baton Rouge)
Lake Charles: KZWA 105.3 SG "Vibe 105"
New Orleans: KORL 104.7 SG "StarCountry 104.7 KORL"

Louisiana:

Maurice: KFXZ 106.3 SG "Z106"
Minden: KASO 95.3 FC to a/c, PA: to class C2, 95.7, from 95.7 - A
Monroe: KYFL 89.5 PG> 25 kW, 377 ft, C2
XG: 32-33-08 / 92-08-33
Natchitoches: KZBL 95.9 PA: to 100.7 - A
Rayne: KCRL 106.7 SG "TrueCountry 106.7 KCRL"
Washington: KNEK104.7 SG "104 Jamz" or "Power 104"

MAINE:

Pittsfield: WJXC 99.5 CC (ex WPBC)
Winslow: WWA95.3 5.4 kW, 348 ft (Light of Life)
CC (NS)

MARYLAND:

Lexington Park: WMDM 97.7 adds WW1 country (&)

MASSACHUSETTS:

Boston: WKLB 96.9 PG> 22.5 kW, 735 ft
XG: 42-18-27 / 71-13-27
Great Barrington: WAMQ 105.1 PG< 730w, 918 ft, DA
XG: 42-09-36 / 73-28-48
Lowell: WOAZ 99.5 PG> 26 kW, 666 ft, XG: 42-39-14 / 71-13-02
Northampton: WEIB106.3 NO-RE

MICHIGAN:

Baraga: *NS 104.3 AF
Beulah: WBVE 92.1 NO-GE
Detroit: WWWW 106.7 adds After MidNite
Flint: WQZZ 92.7 adds Tom Joyner
L'Anse: WCUP106.1 NO-GE
Leroy Twp: WLGH 88.1 CC (NS)
Muskegon: WSHZ107.9 PG< 15 kW, 420 ft, XG: 43-16-38 / 86-20-05
Newberry: WNBV 93.7 FC to adult contemporary
Oscoda: WCMV 95.7 CC (NS)
Pentwater: WMOM103.1 CC (NS)
Traverse City: WNNC 90.9 QC to 90.7, 600 w
538 ft, XG: 44-46-36 / 85-41-02
Whitehall: WKBZ 95.3 FC to urban "Power 95.3"

MINNESOTA:

Mankato: *** 94.1 PA to add class A
Pipestone: KISD 98.7 NC to 1014 ft, class C, RX
Tracy: KARL 105.1 PG> 45 kW, 502 ft, C2

MISSISSIPPI:

Brooksville: WAJV 98.9 adds southern gospel (&)
Clarksdale: WAID 106.5 PG> 50 kW
Clarksdale: WWUN101.7 NC to 101.5, C3, 25 kW, 328 ft, XG, GE
Long Beach: WJZD 94.5 inc. to 321 ft
Natchez: W220BN91.9 NS-13w: WYFG 89.3 SC
New Albany: WKKZ 103.5 dec. to 587 ft, C1
XG: 34-51-44 / 89-52-42, CL: Como, MS
Oxford: WQLJ 93.7 NC to 13 kW, 456', GX

MISSOURI:

Campbell: *NS 107.5 AF
DeSoto: KDJR 100.1 PG> 4.8 kW, 371 ft, DA
Ironton: KYLS 92.7 NC to 92.9, 770w, RX
Joplin: KIXQ 102.5 CC (ex KJKT), FC to country "Kicks 102.5"
Kennett: *NS 89.9 1 kW, 164 ft (AFA)
Kirkville: KHGN 90.7 CC (NS)
Lebanon: KJEL 103.7 CC (ex KIRK)
Malta Bend: KRLI 97.5 NO-RE
Marble Hill: *NS 97.3 6 kW, 328 ft.

FM NEWS

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Missouri:

Sikeston: KBXB 97.9 OSA to C2, 50 kW, 469 ft
Springfield: KAKU 90.1 PG> 4 kW, 489 ft, class C3
Waynesville: KJPW102.3 PG> 2650w, 492 ft.
Webb City: KJMK 93.9 CC (ex KIXQ), FC to a/c
SG "Magic 93.9" (Joplin)

MONTANA:

Bozeman: KGLT 91.9 PG> 68 kW, 715 ft, C1
XG: 45-40-24 / 110-52-04
Butte: KMBR 95.5 FC to classic rock CC (ex KQUY)
Great Falls: KGPR 89.9 PG< 9.5 kW, 295 ft
XG: 47-32-23 / 111-17-06
Missoula: KBGA 89.9 LC
Sidney: KTHC 95.1 NW, classicrock (&) (Williston)

NEBRASKA:

Blair: KMRV 97.3 NO-RE
Scottsbluff: K208CK89.5 NS-170w: WYFG 89.3 SC
S. Sioux City: KSFT107.1 PG< 1550w, 328 ft, XG: 42-31-11 / 96-27-02

NEVADA:

Carson City: K286AG 105.1 NS-150w(v), DA: KODS 103.7 CA
Elko: KLKO 93.5 NC to 93.7 - C2, 4.5 kW, GE
Ely: KELY 101.7 FC to Jones a/c (&)
Ely: KDSS 92.7 CX CP for 3 kW, C3
Fallon: KRNG101.3 NO-GE
Las Vegas: KOMP 92.3 PG< 25 kW, 3687 ft.
Las Vegas: KXPT 97.1 PG< 25 kW, 3674 ft.
XG: 35-58-02 / 115-30-06
Laughlin: KADD 93.5 NO-GE
N. Las Vegas: KJUL104.3 dec. to 3700 ft.
Reno: KZSR 92.9 RA with talk (&)

NEW HAMPSHIRE:

Manchester: WLMW90.7 NO-RE
Miltonborough: WSCY 106.9 PG< 130w, 2096 ft.
Peterborough: W270AH 101.9 NS-50w (DA): WZID 95.7

NEW JERSEY:

E. Orange: WFMU 91.1 NC to 1.5 kW, 492 ft, DA, GE
Freehold Twp: WRLJ 89.7 NW, classichits/WCNJ89.3
Trenton: WNJT 88.1 PG> 110w(v), 689 ft.

NEW MEXICO:

Clondroft: *** 97.9 PA to add class C1
Clovis: KSMX 107.5 FC to WW1 Adult Rock (&)
Española: KYBR 92.9 FC to CD Country (&)
Gallup: KXXI 93.7 CC (ex KQNM) (Maybe this is reversed, I think they were already KXXI? -gc)
 Lordsburg: *** 103.7 GA: add class C3
 Lordsburg: *** 105.7 GA: add class C3
 Red River: *NS 90.1 115 w, -1417 ft.

NEW YORK:

Clifton Park: WDCD96.7 PG> 4.7 kW
Copenhagen: WWLF 106.7 FC to classicrock (&) (Watr.)
DeWitt: WIII-1 99.9 NS-260w: WIII Cortland
Geneva: WEOS 89.7 NC to 4 kW, 312 ft, DA, RE
Hudson Fls: WENU101.7 FC to AC // WNYQ 105.7, should switch to a new format by February
Newburgh: W293AE 106.5 NS-55: WRWD 107.3 Highland
New York: WNEW102.7 FC to classic rock
Lockport: *** 92.1 PA: to add class A
New York: WDBZ105.1 CC (ex WMXV), "The Buzz"
Olivebridge: WFSO88.3 LC



New York:

Queensbury: WNYQ 105.7 PG< 2450w, 1036 ft
NW, adult contemporary "Wink"
Rome: WODZ 96.1 PG< 6.8 kW, 633 ft
XG: 43-08-39 / 75-10-45
Rotterdam: WTRY 98.3 CC (ex WYSR), FC to oldies // WTRY 980
Watertown: WFGY 97.5 CC (ex WCIZ), FC to country "Froggy"
Watertown: WCIZ 93.5 CC (ex WTNV) FC to rock
Watertown: W211AR90.1 NS-15w: WYFG 89.3 SC
NORTH CAROLINA:
Ahoskie: W220BM 91.9 NS-80w: WAFR 88.3 MS
Asheboro: WWMO 89.5 NO-GE
Aurora: *** 104.5 GA: add class A
Fayetteville: *NS 91.1 AF
Franklin: W265AZ100.9 NS-10w: WRAF 90.9 GA
Hatteras: *NS 94.5 AF
Highlands: W269AY101.7 NS-10w: WFOS 91.3
Nashville: WZAX 99.7 CC (NS)
Ocracoke: *** 104.7 XA for class C3
Old Fort: WMXF104.3 CC (ex WDLF), "Mix 104"
Pinetops: WEQO 95.5 NW, hot AC // WEQR 102.3 CC (ex WWRT)
Raleigh: WCPE 89.7 NC to 1187 ft, GE
Rose Hill: WBSY104.7 XA for C2, CL: Trenton, NC
Snow Hill: WAGO 88.7 NO-GE
Thomasville: WEAM98.3 CC (ex WFAZ)

NORTH DAKOTA:

Carrington: KYNV 98.3 CC (ex KANG)
Grand Forks: KNOX94.7 FC to Real Country (&)

OHIO:

Akron: WAPS 91.3 adds DA
Athens: WXTQ105.5 NC to 6 kW, 305', RE
Athens: WKJW 95.9 CC (NS)
Circleville: WAZU107.1 CC (ex WAHC), FC to rock "Big Wazoo" (Columbus)
Columbus: WBZX 99.7 adds Howard Stern
Marysville: WHQK105.7 CC (ex WAKS), FC to country "Kicks 105.7" (Columbus)
St. Mary's: WLWZ 103.3 PG> 6 kW
Swanton: WJUC107.3 NO-GE, CC (NS)
Sylvania: WMMM 105.5 FC to adult contemporary
Upper Arlington: WZAZ 98.9 CC (ex WLLD), FC to modern rock (Columbus)

OKLAHOMA:

Ada: *NS 91.3 AF (AFA)
Alva: *** 103.5 GA: add class C1
(this replaces a grant to add a 104.7 - C1 here)
Bartlesville: KYFM100.1 GA: from class A to C1
Crescent: K203CF 88.5 NS-250w(v): WPCS 89.5 FL
Dickson: *** 103.5 PA for class C3
Elk City: KXOO 94.3 FC to contemp. Christian
Holdenville: KCMA106.5 OSA to class C3, 25 kW, 325' XG: 34-53-03 / 96-22-35, reported SI
Kingfisher: *** 105.3 PA: add class A
Ponca City: KIXR 100.1 GA: to 104.7 - A
Woodward: *NS 95.9 AF

FM NEWS

OREGON:

Astoria: *NS 89.7 200w, 1027 ft.
Cannon Beach: K272DS 102.3 NS-32w: KCMS 105.3 WA
Canyon City: KJDY 94.5 NW, country
Grants Pass: K201DI88.1 NS-23w(v): KDOV 91.7
L.Oswego: KKJZ 106.7 NC to 100 kW, 997 ft.
class C, XC: 45-27-13 / 122-32-45
Myrtle Point: KAHY 94.1 LC
Reedsport: *NS 89.1 1 kW, 400 ft (A.F.A.)
Seaside: KCYS 98.1 CC (NS), NW, CD Country (&)
Winchester: *NS 89.3 1.6 kW, 620 ft.

PENNSYLVANIA:

Altoona: WFGY 98.1 decreases to 94.1 ft.
XC: 40-34-01 / 78-26-32
Ephrata: WRTL 90.7 NO-CX-DE
Harrisburg: WRBT 94.9 CC (ex WYMJ), FC
to country "Bob"
McConnellsburg: WYQ 103.7 CC (NS)
Martinsburg: WJSM92.7 PG> 640w, 964 ft.
Philadelphia: WFLN95.7 PG< 17 kW, 850 ft.
XC: 40-02-30 / 75-14-24

RHODEISLAND:

Narragansett Pier: WPJB 102.7 PC<1950w, 226 ft.
Providence: WBRU 95.5 NC to 50 kW, 492 ft, DA, RE

SOUTHCAROLINA:

Andrews: WGTN100.7 PG> 25 kW, DA, C3
Bluffton: WJY 106.9 CC (ex WLOW), FC to
smooth jazz (Hilton Head)
Hampton: WBHC103.1 PA: to 92.1 - A
Hilton Head Is: WLOW 107.9 CC (ex WJY), FC
to WW1 Standards (&)
Kingstree: WWKT 98.3 FC to ABC urban gold (&)
(and adds black gospel M-F 9am to noon)
Ladson: WRLQ106.3 NO-GX
Loris: WYCO 94.9 stunting with "all Macarena"
so a new format coming soon (Myrtle Beach)
Parris Island: WOCW92.1 PA: to 103.1 - C3
Richburg: *NS 90.3 220w, 469 ft.
Socastee: WMYB 99.5 FC to soft AC "The Beach"

SOUTHDAKOTA:

Sturgis: KRCS 93.1 FC to CHR (Rapid City)

TENNESSEE:

Colonial Hts: WLJQ105.9 GA: to 95.9 - C2
Columbia: WAYM 88.7 PG< 16.5 kW, 492 ft, DA
Cookeville: WHTS 91.7 NW, //WPLN 90.3
Crossville: WSWJ102.5 CC (ex WOWF), FC to
country (&)
Dyer: WLSQ 94.3 adds adult after. (&)
Elizabethton: WAEZ99.3 FC to CHR "Electric 99-3"
Elkendale: W270AI101.9 NS-80w: KMZN (?)
Henderson: WHHM107.7 OSA to C3, 25 kW, 308 ft.
Hohenwald: *NS 90.7 AF (AFA)
Humboldt: WLSZ 105.3 adds adult after. (&) (Jackson)
Jefferson City: WEZG 99.3 FC to CHR "Electric 99-3"
//WAEZ 99.3 TN (Knoxville)
Kingsport: WCQR 88.3 NO-GE
Morristown: WMXX 95.9 GA: to 94.1 - A
Tazewell: WCTU 94.1 GA: to 105.9 - A

TEXAS:

Amarillo: KPVY 100.9 NO-GE
Arlington: KDFX 94.9 CC (ex KEWS), FC to religion
Austin: K259AJ 99.7 NS-50w: KYFS 90.9

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Texas:

Brackettville: *** 94.7 GA for class A
Caldwell: KLTR 95.1 NO-GE, CC (ex KHEN)
Centerville: KAJG 103.1 NO-GE
Cleveland: KOND 97.1 FC coming soon (Houston)
Denver City: *NS 97.5 AF
Dilley: *NS 98.9 50 kW, 269 ft.
Franklin: KZTR 101.9 CC (ex KLTR)
Greenville: KIKT 93.5 PG> 9.1 kW
Haltom City: KKZN 93.3 CC (ex KNBR) "The Zone"
Huntsville: KCEY 99.7 NO-GE
Jasper: KJAS 107.3 NW, adult leaning top 40
Lamesa: KIOL 104.7 CC (ex KMMX)
Lampasas: KJFK 98.9 CC (ex KUTZ), FC to
talk and sports (including Howard Stern)
Laredo: KZTQ 106.1 PG> 6 kW
Leakey: *NS 104.3 AF
Leesville: *NS 88.7 AF
Odessa: *NS 89.5 AF (AFA)
Orange: KIOC 106.1 FC to new rock, "New Rock
106-1K106"
Pearsall: *NS 104.1 AF
Pleasanton: KBUC 98.3 adds Real Country (&)
Refugio: KZTX 106.1 RA with adult alternative (&)
QC from 106.3, PG> 25 kW, 328 ft.
Stanton: KKJW 105.9 37 kW, 400 ft., CC (NS)
Stephenville: K213CD 90.5 NS-250w: WAFR 88.3 MS
Tahoka: KMMX100.3 CC (ex KIOL)
Tyler: KTYL 93.1 PG> 82 kW
Uvalde: KYUF 104.9 OSA to class C3, 25 kW, 272'

UTAH:

Roosevelt: *NS 94.3 AF
St George: KVYS 95.9 dec. to 1961 ft.
XC: 36-50-49 / 113-29-48

VERMONT:

Burlington: WVPS107.9 NC to 50 kW, 2644 ft, RE
Hartford: WGLV104.3 PG> 5.6 kW, 495 ft.
Marlboro: WSSH101.5 PG< 2.6 kW, 344 ft.
Middlebury: WRMC 91.1 NC to 1.3 kW, 249 ft, GE
Montpelier: WGLY-1103.3 NS-9w

VIRGINIA:

Buena Vista: WREL96.7 NC to 10 kW, 492 ft, B1
XC: 37-46-37 / 79-12-18
Charlottesville: WTJU91.1 PG< 600w, 1066 ft.
XC: 37-58-55 / 78-29-03
Culpeper: *NS 91.5 930w, 121 ft, (A.F.A.)
Marion: WZVA103.5 LC
Petersburg: WVST 91.3 NC to 2.2 kW (v), 187', GE
Spotsylvania: WYSK99.3 PG< 3 kW (dir), drop DA
Waynesboro: W268AC 101.5 NS-13w: WYFJ 100.1
West Point: WPTG107.9 adds WW1 Hot Country (&)
Winchester: WFQX-199.3 NS-13w(h), DA



FM NEWS

WASHINGTON:

Davenport: *NS 97.3 4.8 kW, 321 ft
Dayton: KZZM 102.3 CC (NS)
Grandview: KARY 100.9 PG> 6.9 kW, C2, 1269 ft
XC: 46-29-12 / 120-00-12
Leavenworth: KLVH 101.1 NO-GE
Moses Lake: KLWS91.5 CC (NS)
Naches: KZTA 96.9 CC (ex KHHK), "La Zeta"
Omak: *NS 90.1 3 kW, 2457 ft. (W.S.U.)
Pl. Angeles: *NS 90.1 1.6 kW, 197 ft.
Yakima: KHHK 99.7 CC (ex KZTA) "Hawk"
Yakima: K229AD93.7 NS-50w: KZTA 96.9 Naches

WEST VIRGINIA:

Fisher: WQWV103.7 CC (ex WJBQ)
Huntington: WTCR103.3 adds After MidNite
Milton: WFXN106.3 CC (ex WZZW), "Fox"
White Sulphur Sps: *NS 93.3 AF

WISCONSIN:

Algoma: *** 104.1 GA to add class A
Barron: *** 97.7 GA to add class A (when
WAQE moves from 97.7 to 99.1 - see below)
Biramwood: WHET92.9 NO-CX-DE
Chetek: WVXD106.7 PG< 35 kW, 584 ft.
Forestville: *** 102.1 GA to add class A
Nekoosa: *** 105.5 GA to add class A
Portage: WBKY 95.9 NO-GE
Rice Lake: WAQE 97.7 GA: to 99.1 - C2,
CL: Barron, WI
Seymour: WECB104.3 NO-RE
Stevens Pt: WKQH104.9 PG> 21 kW, 358 ft, C3
XC: 44-50-13 / 89-45-57, CL: Marathon, WI
Tomah: WBOG 96.1 NC to 44 kW, 525 ft, C2
XC: 44-01-32 / 90-48-58
Whitewater: WKCH106.5 NO-GE

WYOMING:

Casper: KYOD 104.7 185w, 1774 ft., CC (NS)
Cheyenne: *** 93.7 PA to add class A
Cheyenne: KOLZ 100.7 CC (ex KKAZ), "Colt 100.7"
Chugwater: *** 99.5 PA to add class A
Evanston: KOTB 106.3 OSA to 106.1, C3, 380 w.
Gillette: *** 97.7 PA to add class A
Laramie: *** 98.7 PA to add class A
Pine Bluffs: *NS 105.3 29.5 kW, 233 ft.

U.S. TERRITORIES:

PUERTO RICO:

Mayaguez: *NS 88.3 2 kW, 1004 ft, DA (Univ. P.R.)
San Juan: WKAQ104.7 inc. to 1220 ft.
Yauco: WIOB-2 97.5 3.8 kW

VIRGIN ISLANDS:

Christiansted: *NS104.9 6 kW, 699 ft.
Christiansted: WAVI93.5 PG< 9.6 kW, 807 ft, B1
XC: 17-43-53 / 64-41-17

FEBRUARY 1997

• Bill Dvorak writes to let us know that WOLX 94.9 Baraboo-Madison, WI was off the air from 12/31/96 to 1/2/97 because of a tower collapse. Theirtower, built in 1948, and located on Baraboo Bluff in Sauk Co. (30 mi. NNW of Madison) fell because of ice accumulation. No one was hurt, and by Jan. 2nd, a temporary 60-foot tower was erected at the same location as the fallen 648 footer, severely restricting its coverage, but still getting into Madison well enough. Bill was fortunate to log several stations in WOLX's absence, including WOFM, KMCH, and WKXX on 94.7, WDKB and WAAG on 94.9, and WIIL and WZZT on 95.1.
• Doug Smith sends an article on some California pirates he saw in a ham bulletin. In Santa Maria, a station on 88.9 is playing continuous music, apparently from a CD changer. It is only on weekends, and has been operating for the past six months. It can be heard for miles around the Santa Maria area. In Grover Beach, another FM pirate, "Excellent Radio", is quite popular, even having a storefront location, giving out bumper stickers, and advertising on an LPTV!
• Saul Chemos sends more information about the 101.3 signal heard recently testing in the Toronto area. It is indeed around 100 watts power, and is affiliated with CHIN 1540, the AM station to CHIN 100.7. CHIN-AM gets plenty of interference in Metro Toronto from clear channel stations WPTR Albany, NY, and KXEL Waterloo, IA, and was looking into the possibility of an FM booster. This testing is very preliminary at this point.

WOLX 94.9fm
All Oldies All The Time

2305 W. Badger Road
Madison, WI 53713
(608) 273-0077

WOLV

WISCONSIN LOVES 94.9 FM

CHIN

AM 1540 STEREO FM 100.7

WANTED: WATC-tv, channel 57, Atlanta, is interviewing candidates to fill a position as UHF transmitter engineer. Contact John Broomall at 770-300-9828 for more information.

TV NEWS

February 1997

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
72777.3143@compuserve.com

*: Non-commercial station
nc: No Change
+/-: Channel offsets (plus,
z/n: minus, zero, and none)
TA: Tamapulas (Mexican state)

APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	HAAT	City; applicant	
AL	22-	2820	315	Tuskegee; T. Associates	32-03-36N/ 85-57-02W
NY	*57-	1550	300	Waverly; WSKG-46 (PBS)	42-02-40N/ 76-35-50W

Applications denied, dismissed, etc:

St	Ch	ERP	HAAT	City; applicant	
AZ	58z	3.48	-24	Sierra Vista; J.E. Powley	31-26-29N/110-16-13W

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

St	Ch	ERP	HAAT	City; applicant	
AB	17z	31.6	134	Lethbridge	49-46-47N/112-52-14W
				CJIL-TV (religious)	
BN	3z			Tijuana; KHGC-5? (see text)	
MI	60-	17.0		Pinconning; wireless cable	
MI	68z	17.0		Pinconning; wireless cable	
MT	50n	10.0		Kalispell	48-30-22N/114-20-49W
ON	51+	715	300	London; CHCH (CHCH-TV-2)	42-50-27N/ 81-51-30W
ON	32+	5	116	North Bay; (CHCH-TV-6)	46-18-10N/ 79-24-40W
ON	11-	25	190	Ottawa; (CHCH-TV-1)	45-13-01N/ 75-33-51W
ON	3z	17.4	152	Pembroke; CBC (CBOT-6)	46-02-40N/ 77-28-06W
ON	38-	5	113	Sault Ste. Marie; (CHCH-4)	46-35-50N/ 84-16-53W
ON	41+	19.2	172	Sudbury; (CHCH-TV-3)	46-25-29N/ 81-00-54W
ON	11-	1500?	142	Timmins; (CHCH-TV-7)	48-28-12N/ 81-17-50W
QU	62z	11	219	Montreal (CJNT-TV)	45-30-18N/ 73-35-30W

Obviously, the power for CHCH-TV-7 Timmins is a typo. I suspect it should be 150KW. These are old news, but my first opportunity to print technical information on them and provide official callsigns. The Tijuana station is a (pretty solid) rumor on the Internet. Channel 3z is allocated to Tijuana for full-power operation.

APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City	
FL	32z	nc	332	WVWB	Lakeland	27-50-15N/ 81-56-53W
NY	31-	5000	nc	WBIS	New York	40-42-43N/ 74-00-49W
PR	68z	457	nc	WVSN	Humacao	18-16-44N/ 65-51-12W
TX	42-	5000	394	KEYE	Austin	30-19-10N/ 97-48-06W
TX	19-	5000	472	KLSB	Nacogdoches	31-54-16N/ 95-05-07W

APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City	
NV	10-	3.09	564	KENV	Elko	40-41-53N/115-54-13W
WI	32z	5000	314	WVRS	Mayville	43-16-25N/ 88-23-57W

TV News

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CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City	
AL	40-	5000	600	WJSU	Anniston	33-36-24N/ 86-25-03W
FL	27+	2700	518	WTXL	Tallahassee	30-40-06N/ 83-58-06W
IN	52-	21.17		W52CV	Nappanee	41-24-43N/ 86-01-51W
					From W12BK, South Bend	
LA	23-	24.3		K23ER	Rammond	30-32-26N/ 90-29-07W
					From W39AT, Baton Rouge	
ME	8z	120	350	WAGM	Presque Isle	46-33-04N/ 67-48-35W
OK	62+	2680	240	KMNZ	Okla. City	35-34-24N/ 97-29-06W
PA	32-	16.0		WBPA-LP	Pittsburgh	
					From ch. 29	
SD	5+	nc	313	KDLT	Mitchell	43-45-28N/ 98-24-39W
TX	28z	2102	220	KYLE	Bryan	30-41-19N/ 96-25-36W
TX	66n	7.9		K66FT	Priona	34-39-15N/102-43-45W
					From K65BT	
WI	27+	5000	455	WKOW	Madison	43-03-21N/ 89-32-06W
WV	59-	1923	568	WVSX	Levisburg	37-46-24N/ 80-42-19W

CHANGES GRANTED TO CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City	
CA	23z	1.03		K23EQ	Ventura	34-20-57N/119-20-07W
					From K08LJ, Santa Barbara	
CO	32-	100.5		K32EO	Colorado Springs	38-44-40N/104-51-42W
					From K18EM, Pueblo	
FL	61+	8.5		W61DD	Miami	25-46-20N/ 80-11-20W
					From W27BS	
MI	17+	20.5		W17CC	Interlochen	44-38-07N/ 85-45-53W
					From W50BL, Traverse City	
PA	49z	21.3		W49BV	Indiana	40-37-38N/ 79-12-49W
					From W30BL, Meadville	
PR	34z	nc	848	WRUA	Fajardo	18-18-36N/ 65-47-41W
TX	53+	8.08		K53FR	Plainview	34-13-05N/101-42-02W
					From K47EP	

TECHNICAL CHANGES ON THE AIR

CA	63-	K63EC	Planada; move from K55BZ, increase power, and move.
MA	54z	W54CN	Boston; major power decrease, move from ch. 33, move tower about 70km SW. (from the Gloucester area)
MI	45-	WGKU	Vanderbilt
MN	29z	K29CT	Worthington; move from ch. 20. (to be displaced by KSMN-20)
NE	22n	K22FF	Newport; move from ch. 24. (displaced by KLKE-24)
NV	56n	K56GB	Wadsworth; move from K63DN Reno.
NY	43+	WNYS	Syracuse; major power increase.
NY	68-	W5YT	Syracuse; minor tower height decrease. (10 ft.)
WI	26+	WGBA	Green Bay; double power & minor tower height decrease. (4 meters)
WI	58z	WDJT	Milwaukee; major power & tower height increases & move about 7km north.
WV	33+	WPBY	Huntington

NEW STATIONS ON THE AIR

W66CN	66+	Jasper, AL	6.7KW	33-50-42N/ 87-18-26W
		Translator of WTJP-60 Gadsden. (TBN)		
K58FA	58z	Little Rock, AR	200 watts	34-47-56N/ 92-29-44W
K48FC	48,	K50DZ 50, K52EU 52, K54EQ 54, K56FT 56		
		Fort Apache I.R., AZ		
K36EL	36+	Bakersfield, CA	29KW	35-26-20N/118-44-23W
		Translator of KGMC-43 Clovis/Fresno, WB.		
K47EH	47+	Eureka, CA	14.6KW	40-43-36N/123-58-26W
		TBN.		

NEW STATIONS ON THE AIR (contd.)

K04IZ 4n, K05EG 5n Wawona, CA 7 watts 37-31-08N/119-35-59W
 I suspect these two are translators of Fresno or Sacramento stations.

K30EJ 30+ Crested Butte, CO 160 watts 38-48-37N/106-54-30W
 W09CF 9+ Jacksonville, FL 320 watts 30-16-53N/ 81-34-15W
 W25BF 25- Miami, FL 7.1KW 25-46-20N/ 80-11-20W
 W46BQ 46+ New Port Richey, FL 10.3KW 28-19-27N/ 82-41-56W

Translator of WWWB-32 Lakeland, WB
 W21BK 21- Tallahassee, FL 29.5KW 30-29-35N/ 84-17-01W
 K44EC 44n Coeur d'Alene, ID 11KW 47-43-54N/116-43-37W

Translator of KSPS-7 Spokane (PBS)
 K43ER 43- Independence, KS 19.3KW 37-09-58N/ 95-33-45W

Translator of KDOR-17 Bartlesville, OK. (TBN)
 K53FA 53+ Alexandria, LA 812 watts 31-16-04N/ 92-26-24W
 K17DX 17+ Natchitoches, LA 3.3KW 31-47-12N/ 93-12-18W
 K55RB 55+ Natchitoches, LA 1KW 31-47-56N/ 93-28-54W
 KSMN *20z Worthington, MN 2400KW/332m 43-53-52N/ 95-56-50W

Satellite of KWCM-10 Appleton (PBS/TLC)
 K28FB 28n Bozeman, MT 10KW 45-40-24N/110-52-04W
 W59CR 59+ Durham, NC 11.7KW 35-56-35N/ 78-48-29W
 W19CA 19- Lumberton, NC 17.4KW 34-53-05N/ 79-04-31W

Translator of WSEF-26 (Fox), Wilmington NC
 K52ES 52+ Norfolk, NE 900 watts 42-01-52N/ 97-21-28W

TBN
 WFME 66z W. Milford, NJ 24KW/217m 41-07-14N/ 74-12-03W
 K44EI 44 Mesquero, NM
 K16DX 16n Gage, OK 984 watts 36-26-03N/ 99-46-22W
 K58EY 58+ Muskogee, OK 10KW 35-42-37N/ 95-15-00W

TBN
 KGLB 44- Okmulgee, OK 5000KW/277m 35-50-02N/ 96-07-28W
 CBLT-TV-1 16+ Barrie, ON 180KW/281m 44-21-05N/ 79-41-55W
 CBLT-TV-2 8+ Huntsville, ON 43KW/190m 45-24-38N/ 79-15-22W
 CBLT-TV-3 18z Parry Sound, ON ?KW/63m 45-23-24N/ 80-02-21W
 K15DS 15- Newport, OR 10.4KW 44-45-23N/124-02-49W

Translator of KPDX-49 (Fox)
 W49BV 49z Indiana, PA 21.3KW 40-37-38N/ 79-12-49W

Recent call change from W30BI
 W65CG 65n Pittsburgh, PA 130 watts 40-24-42N/ 79-55-54W

TBN
 XH?? 54z Reynosa, TA 25-52-45N/ 97-31-09W

Satellite of XHGC-5 Mexico City
 XHNAT 45z Nuevo Laredo, TA 27-29-48N/ 99-30-01W

Satellite of XEQ-9 Mexico City
 KINZ 68z Arlington, TX 5000KW/360m 32-35-24N/ 96-58-21W

Dntv/Worship
 K67FY 67- Austin, TX 8.91KW 30-19-20N/ 97-48-03W
 K120W 122 Bryan, TX 93 watts 30-39-02N/ 96-20-57W
 K23EJ 23n Garfield Co., UT 1.31KW 38-32-10N/112-04-19W
 K27CE 27n Garfield Co., UT 3.16KW 38-32-10N/112-04-19W
 K62EY 62 Hanksville, UT
 K18ET 18n Orderville, UT 68 watts 37-16-35N/112-37-35W
 K16DS 16 St. George, UT
 W18BS 18z Hampton, VA 20.3KW 37-05-07N/ 76-25-37W

TBN
 W25AZ 25+ Staunton, VA 10.2KW 38-26-52N/ 78-43-53W

(Public Notices also say W25CC but this is the call in the database)
 WFFF 44+ Burlington, VT 1450KW/840m 44-31-32N/ 72-48-54W
 WYOW 34z Eagle River, WI 2570KW/127m 45-46-30N/ 89-14-55W

Semi-satellite of WAOW-9 Wausau, also some educational prgs. (ABC/Fox/edu)

The Ontario stations are old news, but I don't think I've had technical info on them before.

CALL CHANGES

K06MJ Flagstaff, AZ: KZZA-LP
 K21DS Chico, CA: KZVU-LP
 KFCB-42 Concord, CA: KTNC
 K67GZ Rainbow Valley, CA: KFMG-LP
 KTTY-69 San Diego, CA: KSWB
 W19AQ Palm Beach, FL: WINQ-LP
 KOEN-26 Honolulu, HI: KAAB
 new-20 Iowa City, IA: KWKB
 WRAP-LP Boston, MA: W54CN
 W28AC Charlotte, NC: WGTB-LP
 new-7 Winnemucca, NV: KWNV
 K19EA Oklahoma City, OK: KKCC-LP
 K25FF Tulsa, OK: KLOT-LP
 WENU-36 Charleston, SC: WMMP
 K43FD Houston, TX: KHLN-LP
 K12OT Logan, UT: KVWB-LP

The W54CN change is not a typo. This is the first station I'm aware of to go from a "regular" callsign back to a number/letter call.

PROGRAMMING CHANGES

KNEB-4 Ketchikan, AK: satellite of KTNL-13 Juneau?
 K08KF DeQueen, AR: to religion.
 KAJB-54 Calipatria, CA: to Univision. (not yet on the air)
 KFWU-8 Fort Bragg, CA: Satellite of KTNL-42 Concord.
 (country music videos & religion)
 K23CZ Ukiah, CA: to relay KPWB-31. (WB)
 K05HE Glenwood Springs, CO: to relay KTVD-20. (UPN)
 K13QZ Grand Valley, CO: to relay KTVD-20. (UPN)
 K05GY New Castle, CO: to relay KTVD-20. (UPN)
 K08IV Pinewood, CO: to relay KTVD-28. (UPN)
 K30BS Red Cliff, CO: to tourist-information programming.
 K66BQ Rulison, CO: to relay KTVD-20. (UPN)
 K47AC Silt, CO: to relay KTVD-20. (UPN)
 WTIG-LP 2 Naples, FL: to TBN.
 W46BQ Port Richey, FL: to translate WWWB-32 Lakeland. (WB)
 W56CN Venice, FL: to translate WWWB-32 Lakeland. (WB)
 KDCI-38 Lawrence, KS: from HSC to "Family Greats" independent.
 WKYU-24 Bowling Green, KY: carries some All News Channel.
 K67GL Bunkie, LA: relays WNTZ-48 Natchez, MS. (Fox)
 K61GO Hicke, LA: relays WNTZ-48 Natchez, MS. (Fox)
 K52EV Leesville, LA: relays WNTZ-48 Natchez, MS. (Fox)
 K57HD New Orleans, LA: from TBN to tourist information?
 W30BF Bangor, ME: Sold by Maine ETV to Davis Communications, owners of one of the applicants for channel 23 at Waterville.
 KYFC-50 Kansas City, MO: from religion to IDTV/Worship.
 K17CA Carson City, NV: relays KRXI-11 Reno. (Fox)
 KINC-15 Las Vegas, NV: to Univision.
 WJDE-LP 24 Nashville, TN: from HSS to Video Catalog Ch. (VCC)
 WRMX-LP 12 Nashville, TN: from HSS to Video Catalog Ch. (VCC)
 KFDN-6 Beaumont, TX: CBS/UPN.
 K22EH Longview, TX: UPN, LMA by KFXK-51.
 K30CS Lufkin, TX: "KFXL", semi-satellite of KFXK-51. (Fox)
 K48DP Tyler, TX: UPN, LMA by KFXK-51.
 WJCS-49 Norfolk, VA: Sold by its religious owners.
 K33EJ Walla Walla, WA: to 3 Angels.
 WUTV-18 Milwaukee, WI: to become a WB affiliate.

I suspect most of the Colorado stations above have always relayed KTVD-20. They used to be owned by the local governments, but have now been sold to KTVD.

STATIONS DELETED

St Ch Call City
 IA 35z K35DR Sioux City

Thanks to John Lentz, Fernando Garcia, Dennis Smith, and Chip Kelley for some of the information above.

The KDLT-5 change is a major move of 85km (over 50 miles) essentially straight west. My understanding is this will only be built if the owners' application for a full-power station on channel 46 at Sioux Falls is granted. (that grant is likely, as channel 36 is also open at Sioux Falls, and right now KDLT is the only applicant for channel 46) I'm told KDLT intends to try to serve Pierre - which may be a challenge with adjacent channel KPLO-6 already operating in that area! (then again, WBKP-5 is claiming Marquette, Michigan, home of WLUC-6, as part of its coverage area. The selectivity of modern TVs is much better than it was a few years ago.)

A slightly modified form of the Grand Alliance HDTV standard has been adopted by the FCC. HDTV will be adopted essentially as proposed, but the FCC will not set a mandatory standard for the scanning resolution or interlace method. Broadcasters had wanted a mandatory interlaced standard, while computer companies wanted a mandatory non-interlaced standard. Interlace allows the transmission of more detail in a limited bandwidth, but it's harder to build studio equipment for. Computer firms wanted to be able to be able to use their monitors and software routines to display HDTV television pictures without having to support interlace.

FORUM

Bill Draeb, Kewaunee, WI:

On Jan. 3, Bill saw WYOW-34 on its first day on the air. He ran across a story about the station on WAOW-9's newscast. It's to be mostly a satellite of WAOW, but with some separate educational programming. The station is owned by "Northwoods Educational Television Associates". This is an interesting situation; it almost looks like educational TV for a very rural part of northern Wisconsin is being financed by lease of extra airtime to a commercial broadcaster! WYOW does hold a commercial license. Bill says another reason for WYOW's debut is to extend the coverage of WAOW's secondary Fox affiliation into areas not yet receiving Fox programming. The WYOW tower is at Sugar Camp, roughly midway between Eagle River and Rhinelander.

WJUE-43 Battle Creek is reaching Kewaunee regularly, but weaker than WOTV-41. A check of coordinates shows WJUE is about 40km east of WOTV; it probably considers itself a Lansing station. Bill is also seeing two unID scrambled stations on channels 43 and 51 from the west-northwest. They're probably the Erhard, MN wireless cable system (K43CS, K51DC) though Grand Forks, ND is another possibility.

WGBA-26 has completed its 5000KW upgrade. The station said it spent \$1.2million on the upgrade. (I suspect some of that went to studio equipment) Bill writes "The difference here is that they slop over more channels than they used to." Finally, Bill checked out the new WSCO-14 site on Hwy. 32 in Krakow; no construction activity was noted.

Chris Cuomo, Verona PA:

Chris called shortly before deadline to report three new LPTV signals in the Pittsburgh area:

Channel 32: Home shopping, selling mostly jewelry. My best guess is WBPA-LP Pittsburgh, which as you see above was just issued a CP to move from channel 29. But Chris is still seeing this station on channel 29. I suppose it's remotely possible 32 is, in fact, WBPA-LP, and the channel 29 signal is recently-granted W29AV Pittsburgh. Another remote possibility is W32AX Altoona.

Channel 35: Network 1. (formerly Main Street TV) Probably W35AZ Johnstown. This station was originally authorized to Pittsburgh but was granted a change in location before it was built. I would guess they may have been testing under their old Pittsburgh CP before moving the transmitter to Johnstown. Another remote possibility is W35AW Uniontown, which has a CP for 102KW. (an awful lot of power for a LPTV)

Channel 59: All-News Channel most of the time, with some local events and ads for New Castle, and ID as "WBGH". This is a repeater of W66BQ Freedom, PA.

Chris Cuomo, Verona PA: (contd.)

Channel 61: Parallel to channel 32, but much stronger. This is W61CC Pittsburgh, formerly authorized to Uniontown. It's now on the WQED-13/WQEX-16 tower.

Channel 65: The TBN on channel 65 (W65CG) is now on the air.

Fernando Garcia, Cd. Guadalupe, NL, Mexico:

With the new year, Fernando has two new locals to deal with. XHNAT-45 Nuevo Laredo is a relay of Televisa's XEQ-9 network. He says its signal is much stronger than KLDO-27 and XHFTX-57. This station (and I presume all other XEQ relays?) operate from noon to midnight only.

The other new one is on channel 54 in the Reynosa/Matamoros area. (channel 54 is allocated to Matamoros) It's a 24-hour relay of the XHGC-5 network. No calls have been seen on this station.

Some unIDs on Fernando's list include a channel 25 from the direction of Lubbock with programming parallel to TBN affiliates KPTB-16 and KMLM-42; (my bet is on K25EG Balco, Oklahoma, in the panhandle near Guymon) a religious station on 15 with Abilene in; (Fernando asks if K15EK Abilene is on; I don't know. K15DJ Lawton, OK is a 3 Angels station, and is on the air with 74KW.) an OETA (Okla. Educational) translator on channel 50; (my guess is K50AL Elk City, though its primary is supposed to be KOKH-25) and a Shepherd's Chapel from the north on channel 56, with Tulsa in. (K56EY Elk City, K56FK Alva, or K56FS Ardmore?)

Chip Kelley, Dallas TX:

Chip took a road trip. In the Baton Rouge phone book, he noted KANC-LP ch. 21 listed as "WTNC, the News Channel". He couldn't see the station itself. Their co-owned KBTR-LP Baton Rouge does something similar, calling itself "UPN19, WBTR". (I have to wonder, why bother applying for a four-letter call if you're going to use a different one?!) Also noted in Baton Rouge was KTTE-LP ch. 11 with VCC home shopping. (they're also a WB affiliate) KLFT-LP ch. 21 Lafayette was seen with The Box music videos.

He also took a ride past the KFXX-51 studios on the I-20 frontage road in Longview, Texas. The studios now have three logos: Fox 51/KFXX, Fox 30/KFXL (K30CS Lufkin), and UPN22/48. (K22EH Longview & K48DP Tyler) K48DP used to be a WB affiliate with the "fake calls" KTLN; presumably there is no longer a WB affiliate in this area. KFXX used to be a dual Fox/UPN affiliate; it's now all Fox.

Dennis Smith, Santa Barbara CA:

First, Dennis corrects me on my comments about his market being one of the places with a WB affiliate but no Fox. KCOY-12 is in fact a secondary Fox affiliate, though the only Fox programs he's seeing are football.

Also seen by Dennis is new K14JP Modesto. It's America 1, with some local commercials for Turlock. And, while in Turlock, he saw a TBN on channel 27 at similar strength to their K28EM Mariposa. I don't have a good answer for that, except maybe K27EU Roseville? That's a long way away though. It could possibly be K28EM with a defective or missing lower-sideband filter. I have heard of other DXers seeing stations on both their own channel and the next lower channel (WTJR-16, seen on channel 15, for one example) and this would be a logical explanation. However, in this situation there'd be no audio.

73 Doug

WESTERN TV-DX

February 1997

William Eckberg, 1032 Sterling Rd., Dixon, IL 61021

October 1996		CDT/CST
04 tr 0400 KASN	38 AR	537
0405 KLRT	16 AR	503
0410 WUXP	30 TN	408
1040 KHOG	29 AR	463
1040 KHBS	40 AR	513
11 tr 2225 KHOG	29 AR	463
12 tr 2225 KSAX	42 MN	404
13 tr 0400 KSAX	42 MN	404
14 tr 0320 WJUE	43 MI Battle Creek	219
27 tr 2155 KSAX	42 MN	404
2200 KDSD	16 SD	509
28 tr 1845 KSAX	42 MN	404
November 1996		CST
10 tr 0200 KSAX	42 MN	404
21 Es 1725 WLBZ	2 ME	1030
1730 WCAX	3 VT	821
1800 WFSB	3 CT	842
1900 WKTV	2 NY	714
22 tr 0230 KSAX	42 MN	404
23 tr 0215 KASN	38 AR	537
0220 KLRT	16 AR	503
0358 WMAW	14 MS	645
0400 WMPN	29 MS	651
0410 WDBD	40 MS	651

I saw rare November Es on the 21st to the east. Early indications were present at 1600. It went through channel 4.

The 23rd saw brief strong tropo into Arkansas. Pine Bluff 38 and Little Rock 16 were snowfree. The weather map showed a front beginning in northern IL passing through AR and turning into central TX. DX was along a narrow area across its straight leading edge. I was fortunate to be briefly at its northern end. As it passed here, AR DX disappeared and I saw three MS stations briefly. They were weaker. The throat of the duct had passed me and my antennas began looking partially across it. Then all DX abruptly ended. Of course, this is all theory. I failed to check for DX in the early evening. I doubt if this type of tropo was present even three hours earlier. Opening was very frequency sensitive, covering only the lower UHF and upper VHF spectrum. There were many unidentified stations.

Also of interest-Chicago 2 and Springfield MO 10 have their calls on their sync bars. Moline 18 has their ID on the screen almost continuously in the early AM during programming. Poplar Bluff, MO 15, Pine Bluff and Little Rock were seen with C/B and ID throughout the early AM.

Victor Frank
12450 Skyline Blvd.
Woodside, CA 94062-4541
email frank@sneczy.srl.com
(415)851-7031

Corrections to my last report: KCWB is the official call of the new Kansas City 29. K61GC in Wichita is not carrying any programming from Oklahoma City 52. I recall them having a religious show. This was brought to my attention by two members. My official source of info at the nearby library failed me again.

Dave Pomeroy, 2321 SE Libra Ct., Topeka, KS 66605-3505

September 1996		CDT
09 tr PM	WFTC 29 MN Minneapolis	
	KVBM 45 MN Minneapolis	
	KSMQ 15 MN Austin	
	KUHJ 14 KS Lawrence (ex K14HY)	
	KMEG 14 IA Sioux City (over KUHJ)	
10 tr 0530	K32AF 32 MN St. James KSTP-5	
	WACY 32 WI Appleton	
	WVTV 18 WI Milwaukee	
	WQRF 39 IL Rockford	
	KSBI 52 OK Oklahoma City	
	KXOC 54 OK Edmond (LPTV)	
	unID 65 South, "The Box"	
	K68EH 68 OK Ponca City	
	KOCB 34 OK Oklahoma City	
	K71BO 71 KS Herington KAKE-10	
	WXOW 19 WI LaCrosse	
	WHLA 31 WI LaCrosse	
	KTVC 48 IA Cedar Rapids	
	unID 20 Translator for KSTP-5	
	K56AF 56 IA Clarinda KMTV-3	
	K64AH 64 IA Clarinda KDIN-11	
	KXLT 47 MN Rochester	
	K46AA 46 MN Goddard KTCA-2	
	KMEG 14 IA Sioux City	
	K54AC 54 MN Goddard WCCO-4	

December 1996		CST
07 Es 1900	WPBT 2 FL Miami	
	WEDU 3 FL Tampa	
13 tr 0600	WMAV 18 MS Oxford	
	WICS 20 IL Springfield	
	unID 56 Bloomberg News SE	
	WBMG 42 AL Birmingham	
	WAAY 31 AL Huntsville	
	WZDX 54 AL Huntsville	
	KSBI 23 MO Cape Girardeau	
	WPTY 24 TN Memphis	
	KDNL 30 MO St. Louis very strong	
	WCFT 33 AL Tuscaloosa	
	WABM 68 AL Birmingham	
	WBUY 40 MS Holly Springs	

The opening on the 13th was unusual as I seldom have tropo to the southeast.

Western TV DX

Danny Ogiethorpe, P.O. Box 6688, Shreveport, LA 71136-6688

November 1996		UTC
19 tr 2300	KTBC 7 TX	277
20 tr 1630	KWTV 9 OK	303
	KETA 13 OK	303
	KOCO 5 OK	303
	1655 KTUL 8 OK	288
	1805 KFOR 4 OK	303
	1835 KOKH 25 OK	303
	2010 KTBO 14 OK	303
	2300 KOOD 9 KS KSKW/KOOD ID	546
	2310 KJRH 2 OK	288
21 tr 0035	XERV 9 TA	513
Es 0045	unIDs 2,4 Mexico	
0215	XHBS 4 SI/SO ID 0236	
tr 0350	KVUE 24 TX Local off	277
	1310 KMOL 4 TX	347
	KENS 5 TX	347
	KLRN 9 TX	347
	1320 KEDT 16 TX	385
	1357 XHAB 7 TA XERV still in	503
	1410 XHFO 17 TA	513
	1420 KAVU 25 TX	314
	1440 KVEO 23 TX	502
	1655 KGNS 8 TX	481
	1820 KTBC 7 TX	277
	2030 KVUE 24 TX Local still off	277
	2040 KXAN 36 TX	277
22 tr 0045	KAFT 13 AR Snowfree	254
	0105 KOLR 10 MO "Color 10"	335
	0145 KTUL 8 OK	288
	0155 KWTV 9 OK	303
	0402 KDEB 27 MO	335
	0418 KOZK 21 MO	335
	0625 KOKH 25 OK	303
	0630 KOCO 5 OK	303
	1330 WLOX 13 MS	319
	1358 WMAH 19 MS	319
	WPMI 15 AL	355
	1400 WMPV 21 AL	355
	1410 WXXV 25 MS	309
23 tr 0010	KTXT 5 TX w/u KXAS	476
	0020 KFDA 10 TX "NX Channel 10"	501
	0025 KCBD 11 TX	476
	KLBK 13 TX	476
	0040 KAMC 28 TX	476
	0159 KRBC 9 TX	348
	0225 WHBQ 13 TN	285
	0230 KAIT 8 AR	295
	0240 KETC 9 MO Auction	475
	0315 WTVA 9 MS	319
	0430 Lubbock 11,13 still in weakly	
	KRCG 13 MO	435
	0500 KDNL 30 MO	475
24 Es 2100	KDKA 2 PA	945
29 Es 0012	unIDs 2 North	
	0115 WESH 2 FL NBC, SE	939
	0117 WFOR 4 FL	939
	0125 WPBT 2 FL	
	WPTV 5 FL	
	0155 Cuba 2,4,5 Baseball	
	0240 unIDs 2,4 Spanish	
	0245 KNAZ 2 AZ	

KASAI 2 NM		
0310 unIDs	2,4 XEW, XHGC-5, others	
30 tr 0930	KEMV 6 AR AETN bars	257
December 1996		UTC
01 tr 0345	WMAH 19 MS	319
	0350 WMAV 18 MS	279

Pat Dyer, WASIYX, 5315 Silvertip Drive, San Antonio, TX 78228-2744

Equipment:

Emerson 1987 model 872 VCR used as the tuner ahead of a 9" B&W Keopsafer CCTV monitor. Archer V-100 and 8-bay bow-tie UHF array at 20' AGL with rotor.

October 1996		UTC
16 Es 0158	KOTA 3 SD Rapid City	1039
23 Es 1832	XHBC 3 BCN Mexicali	1022
	1858 KEYT 3 CA Santa Barbara	1295

November 1996		UTC
05 Es 2315	WBTV 3 NC Charlotte	1090
	2326 WSB 2 GA Atlanta	886
21 tr 0505	KLAX 31 LA Alexandria	387
	0510 WVLA 33 LA Baton Rouge	441
	0605 KNOE 8 LA Monroe	430
	0605 KETK 56 TX Jacksonville	264
24 Es 1424	WJBK 2 MI Detroit	1238
	2012 WDTN 2 OH Dayton	1076
29 Es 0143	KGAN 2 IA Cedar Rapids	960
	0143 WISC 3 WI Madison	1062

December 1996		UTC
02 Es 0101	XHKG 2 GR Ixtapa	835
06 tr 1223	WAFB 9 LA Baton Rouge	446
08 Es 0028	KMTV 3 NE Omaha	829
09 Es 2132	XHI 2 CI Torreon	700
10 Es 0005	XHBC 3 BCN Mexicali	1022
	0107 KVBC 3 NV Las Vegas	1052
	1900 WCBD 2 SC Charleston	1139
11 Es 2135	XHP 3 PU Puebla	715
	2152 XHAP 2 GU Acapulco	870
	2227 XHHN 2 ?	?
13 Es 0059	WCBD 2 SC Charleston	1139
14 Es 0028	WEDU 3 FL Tampa	994
16 Es 0123	XHBC 3 BCN Mexicali	1022
	0235 KCBS 2 CA Los Angeles	1186
20 Es 1353	WSAV 3 GA Savannah	1040
	1429 WCBD 2 SC Charleston	1139
	1457 KGAN 2 IA Cedar Rapids	960
	1654 KVBC 3 NV Las Vegas	1052
	1729 XHBC 3 BCN Mexicali	1022
24 Es 0200	KVBC 3 NV Las Vegas	1052
28 tr 0015	KLRT 16 AR Little Rock	512

January 1997		UTC
03 Es 1800	KGAN 2 IA Cedar Rapids	960

Many unID Mexican Azteca Net via Es during December. (They have the net ID in the VBI.) Otherwise just much waiting for "random" superimposed IDs in various corners of the screen!

Strange after 35 years seeing Ch. 2 from Charleston SC now NBC instead of ABC (back to the days of

Western TV DX (Pat Dyer's report concludes)

WUSN)-almost 350 loggings of them over that span (with most of those since 1972)

Jeff Kruska, 5024 S. Braxton Ave., Baton Rouge, LA 70817

November 1996		CST
20 tr 2116	XHABT 7 TA SS	
2157	KEDT 16 TX	425
22 tr 2113	KLRT 16 AR ad for UPN 3817	305
2134	KPOM 24 AR "NBC 24" Note 1	400
2205	KATV 7 AR solid	305

December 1996		
03 tr 0718	WFCT1 66	
	WBHS 50 FL	550
04 tr 2201	WFB1 50 TN ID	325
2213	KLTS 24 LA LPB to NW Note 1 210	
09 tr 2053	S. Texas UHF's in	
13 tr 2102	WNGM 34 GA ID	515
	WATL 36 GA Seinfeld	
14 tr 0930	WNGM 34 GA	515
0935	WFTX 36 FL	620
	WBSV 62 FL	575
0944	WHSB 63 GA	490
1014	WTBS 17 GA "TBJ" ID	455
1023	WKCF 18 FL "WB 18"	575

Note I-KLPB off the air for several weeks due to a blown transmitter (lightning damage?). This is one of only a couple of ways I could have ID'ed this station (KLTS). In New Orleans, I got lucky one morning when KLTS signed on before KLPB, and I could tell the difference due to the difference in signal strength. But I have not gotten enough openings from Shreveport here in Baton Rouge to witness the same.

No E-skip this December. Happy New Year!

Dennis P. Smith, 3703 Dixon St., Santa Barbara, CA 93105-2419 (805)687-7803

This report is for December 1996. In addition here some 1996 DX notes from occasional (though infrequent) days in Wasco, near Bakersfield.

In Santa Barbara, south-coast tropo to San Diego/Tijuana (175-200 miles) was fair-good during periods of quiet stability and inversion layering between storms on December 2-3, 19-20, and 24 through morning of 26.

In Wasco (my old original DXing town), my present antenna is only a UHF 4-bay bow-tie/reflector at approx. 16 feet above ground, attached to a recently-

purchased used Teknika TVC-22 TV tuner with small Sears B&W TV. With this, HPTV's are consistent to 100 miles, with some variation to 150 mi., and occasional weak tropo to Sacramento transmitters at approx. 215 mi. Some LPTV's are consistent to 100 mi., depending on ERP and xmttr QTH. A new LPTV since summer 1996 is K28EM (TBN) Mariposa, poor-fair (poss. consistent) at approx. 145 mi., when local KBAK-29 is off for the night, first seen July 13. On Sept 7, with tropo up slightly, K63EC Planada (KMPH-26 xlt) was seen, very poor but in-sync visual (approx. 145 mi.) And, on Oct. 10, tropo was even better, allowing new K14JP (A1 network) Modesto/Turlock to be seen (approx. 175 mi.), poor but steady visual and aural, and not seen since then.

Fernando Garcia, Apartado 30, Suc B, Cd Guadalupe, NL, 67181 MEXICO 1800' ASL, No relogs in the same month, only tropo over 500 miles.

Equipment:

Sony KV-27EXR15, Screened CM 7dish 85', RG11, UA900 amp. Sony KV-13TR27, CM 1110 30', CM 8 bay UHP array 60' with R. Shack amp.

December 1996		CST
5 0630	XHMDI 46 CU 100 XEW-2	
0645	KETK 56 TX 533 "East TX Chevy dealer, NBC"	
0700	KFXK 51 TX 557 FOX	
	unid 47 "TBN, suspect of KWHB"	
1900	KADN 15 LA 586 FOX	
	WLAJ 32 LA 694 Colls on screen blm right	
	WNOL 38 LA 694 WB38	
	WGN0 26 LA 694 ABC26 //KAVU-25	
	WCCL 49 LA 688 HSN	
2045	WUPL 54 LA 705 UPN	
2115	K69HD 69 LA 586 "WB, "KLAJ""	
	K46CR 46 LA 645 VJN	
	K46DG 46 LA 587 //K69HD	
2130	WPAN 53 FL 869 "Blab""	
	WMPV 21 AL 842 TBN //KLUJ-44	
2200	WDBD 40 MS 754 Watson Ford adv.	
	KLAX 31 LA 618 "Action News, 31 Blue"	
	KLPA 25 LA 619 LPB	
2215	WMAU 17 MS 697 MS educ	
2230	K65FV 65 LA 572 INSP	
	K59DG 59 LA 688 TBN	
2245	KLTT-LP 21 LA 592 VJN	
2300	WHRB 33 FL 838 "ID, Ref."	
	WMAW 14 MS 807 //WMAU-17	
5 0230	W36AC 36 MS 710 TBN	
	K51EC 51 LA 532 TBN	
	K52CV 52 LA 574 "WNTZ-48, FOX"	
	KASN 38 AR 772 "Bars, big 38 UPN"	
0245	K61GO 61 LA 581 "WNTZ-48, FOX"	
	W58BO 58 MS 670 TBN	
	K27EF 27 LA 689 TBN	
	K67GL 67 LA 614 "WNTZ-48, FOX"	

Western TV DX (F. Garcia's report continues)

0300	K47DW 47 LA 611 "WNTZ-48, FOX"	
	W45AA 45 MS 739 MS educ	
	WGH0 43 AL 987 "APT, SAP dif. MAIN"	
	K39BJ 39 LA 618 WX on audio	
	WFXL 31 GA 1068 "FOX 31, Garfield"	
0315	unid 33 "HSS, u/strong WYLA"	
	K49DE 49 LA 596 TBN	
	W52BF 52 AL 818 HSS	
0515	WJSP 28 GA 1057 "strong, GPTV in blue"	
0530	WAFB 9 LA 638 "strong, area News"	
	WAKA 8 AL 927 "White 8, ph 271-2516"	
0545	WGBG 30 MS 834 Prayer line (601) area code	
	WXXV 25 MS 864 starts 6:30 Garfield	
	WMDN 24 MS 784 "Bars, slogan: "24 and you"	
0615	WCFT 33 AL 924 AL's ABC 33-4	
0700	WAIQ 26 AL 959 "APT, SAP dif. MAIN"	
7 0130	KVHP 29 LA 530 "strong, Baywatch"	
0545	KLPB 24 LA 567 "Test pattern, LPB"	
	WLPB 27 LA 638 "Test pattern, LPB"	
0600	WYLA 33 LA 633 "ID, celebrating 25 years"	
	K56DR 56 LA 633 TBN	
0700	WVUE 8 LA 693 FOX	
0730	WHNO 20 LA 688 "ID, Pet Playhouse"	
9 0615	WEIQ 42 AL 825 "APT, SAP dif. MAIN"	
	KLTL 18 LA 548 "LPB, Barney"	
1915	WGBB 44 LA 630 "FOX, Cal Country 100.7"	
	WNTZ 48 MS 670 FOX 48	
1930	KARD 14 LA 659 FOX	
	K30EM 30 LA 644 "ph. (504), Fishing pr."	
2130	KFWO 52 TX 522 TMD //KLDO-27	
	KDTX 58 TX 518 TBN	
	WAPT 16 MS 754 "ID, First Jackson TV on web"	
2145	WMPN 29 MS 747 //WMAU-17	
2200	WPMI 15 AL 838 Springdale Mall adv.	
	W4GAV 46 MS 783 TBN	
2230	KWSS 33 LA 615 FOX	
10 0115	W47BP 47 MS 766 MS educ	
	WMO 41 AL 877 SAP dif. MAIN	
	WHLT 22 MS 775 cci to local	
	WMCB 45 AL 985 TBN (334) 277 4545	
0130	WFCX 35 FL 892 Psychic pay adv.	
0200	W43BF 43 MS 891 Big Colls	
	WABM 68 AL 966	
0230	WMOA 32 AL 928 "ABC32 Community calendar, The Simpsons"	
	WBMG 42 AL 969 "Colls, CBS42 on screen"	
0245	WTOG 21 AL 969 Homeview advs.	
0515	WHSB 63 GA 1119 "TBN, //WJLP-60"	
	W51BY 51 AL 970 TBN	
	WATL 36 GA 1104 WB36	
0530	WCHX 46 GA 1104 "Area news, 37=F8"	
	WSWS 66 AL 1023 "ID, Disney cartoons"	
	WGNM 64 GA First Business	
	WDRH 18 AL 982 ABC //WAPT-16	
	WCOV 20 AL AG Day	
	WUPA 69 GA 1100 "UPN 69, 69 in blue"	
	WAXE-LP 64 AL 995 "Colls, Alexander city AL"	

0545	WFSC 56 FL 929 SAP dif. MAIN	
	WXTX 54 GA 1037 u/WUPL	
	WJTC 44 FL 842 ID Bars	
0600	WAAY 31 AL 1028 31 Live News	
	WAFF 48 AL 1027 "Colls, news"	
	WBHS 50 FL 1116 HSN	
	WPBA 30 GA 1103 PH (404) 815 303	
0615	WPGA 58 GA 1115 Good Morning America EST	
	W47BS 47 AL 996 "adv, 47 on screen blm right"	
0630	WLTV 38 GA 1036 "Today EST, 33=F8"	
	WITS 17 GA 1101 "Colls, Flipstones"	
0645	WFB1 50 TN 904 HSN	
0730	WDSI 61 TN 1105 "FOX 61 Kids club, Garfield"	
0800	WFSR 12 AL 955 "Today, 36=F8"	
	WFLI 53 TN 1110 u/local	
	K55HA 55 LA 596 "KLAJ"	
	W67CI 67 GA 1106 foreign language	
	WYLA 11 GA 1103	
0815	WIOK 11 MS 834 ABC	
0825	WLOX 13 MS 762 "Good Morning MS, 55=F8"	
0830	WJLP 60 AL 998 "Full ID, translators 51,66,67"	
2000	WJSU 40 AL 1025 ABC //KLAX-31	
11 0400	WCCB 18 NC 1332 HSS	
	WTLX 27 FL 1031 "World News Now, ABC"	
	WTVW 40 FL 1030 NBC	
	WTAT 24 SC 1331 FOX	
	WCNC 36 NC 1313 "NBC Nightline, "NBC 6"	
	unid 23 First Business	
0415	WAGT 26 GA 1225 "Black screen, 26 blm right"	
	WPCX 28 FL 952 Colls bottom right	
0430	WNTV 29 SC 1237 Date and time on bottom	
	WRDC 28 NC 1457 "Test pattern Big 28, UPN"	
	WRAZ 50 NC 1444 "WB50, "Gordon"	
0445	WJWJ 16 SC 1272 SC ETV	
	WFAV 62 NC 1409 "FOX62, Dual ID 30-62"	
0500	unid 55 This Morning Business	
	WYES 12 LA 693 Bars	
	WKFT 40 NC 1430 colls, colls up right	
0515	WJZY 46 NC 1314 "Colls in black, WB, (704) adv"	
	WUWG 58 NC 1342 "UNC-TV, time, SAP dif. Main"	
0530	WTVI 42 NC 1335 "Blue colls, 42 yellow, SAP"	
	WFTV 55 NC 1314 "WB55, Mask Rider"	
	WAXN 64 NC 1333 "Shepherds Chapel, advs."	
	WTTA 38 FL 1116 "Colls on audio, u/o WNOL"	
	KDFI 27 TX 518 "hol tv 27, First Business"	
	KHSX 49 TX 518 HSN	
	KXTX 39 TX 518	
0630	WUNU 31 NC 1408 "Adult Math, SAP dif. Main"	
14 0530	KDAF 33 TX 518	
0715	KINZ 68 TX 518 Worship	
0745	KMPX 29 TX 537 "TV 29" bottom right	
22 0300	KSEI 52 OK 692 "52 up left, small colls"	
	KTBO 14 OK 705 TBN (405) 848 14	
	K26DL 26 TX 577 TBN	
0315	K21DC 21 OK 615 //KSEI-52	

Western TV DX (Fernando Garcia's report concludes)

0330	unid	56	"n-nw, HSS"
	\$ KJTL	18 TX	588 PRO LONG pay adv
	K27AZ	27 OK	528 TBN
0745	KWBJ	53 OK	766
1015	K36AB	36 OK	631 PBS
	\$ KOCB	34 OK	704 "UPN Kids, loc out"
	KJTV	34 TX	552 advs. west Texas
1130	K15DJ	15 OK	
24 2315	\$ WAAH	19 MS	770 PBS//KMBH-6
2330	WABW	14 CA	1048 "PBS, GPTV"
27 0615	KTLC	43 OK	706 Educ
	KWHB	47 OK	765 Rel. ID at 7 AM
	KOKH	25 OK	703 Bananas in Pajamas
1900	KLRT	16 AR	782 FOX //XHTTX-57
	KVTH	26 AR	739 "VTV, Family Showcase"
	KSHV	45 LA	616
	KTXA	21 TX	518 SAP same WAAH
	KLDT	55 TX	544 Shop at Home
28 0215	K35BO	35 TX	579 America on TV
	K30DJ	30 TX	597
0245	\$ K24AD	24 TX	579 "WCY-25, KERA-13"
0300	KDOR	17 OK	795 TBN
	"unid ch 67 VJN, north"		
0645	K59FX	59 TX	485 Albany FOX //K54D1
0830	K56BO	56 OK	607 OETA
	\$ unid ch 54 (strong)		McAllen-Brownsville heading
1100	KTFO	41 OK	766 PROLONG pay adv.

This is my best month of December, the North Carolina UHF's came again to northeast Mexico on Dec. 11.

Thanks to David Austin, Doug Smith and Chip Kelley (via Doug) for help this month for ID of some of my catches.

This year began warmer than usual, helping for tropo DX in January. On Jan. 3 I got up to Topeka-Kansas City UHF's. This will be in my next report. I wish you all a great year for DX. 73 Fernando

Two Element Arrays With Broadband Nulls

Continuing the exposition which we began in the December issue. Nulling arrays are usually used for receiving, not transmitting. This is because their efficiency may be low. In the low VHF band, absolute gain is usually less important than directivity. What we want to maximize is the desired signal to interference ratio. Never mind that the interference might be a TV station 30 miles away, if what you're after is a station on the channel 1000 miles away, then the former is interference, something that you'd like to do away with without pulling their plug. This month we will limit ourselves to 2-element cancelling arrays. The geometry is illustrated in Figure 1. For simplicity, elements #1 and #2 are assumed to be identical,

say for purposes of this article, omni-directional vertically-polarized dipoles separated by a distance s .

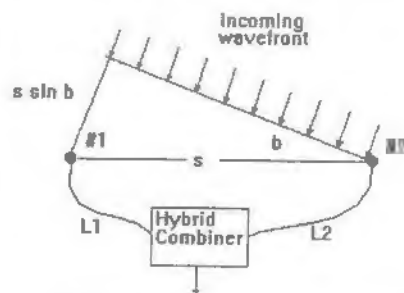


Fig. 1. Plan view of two element array & wavefront

For an wave incoming at angle b , the delay of the signal at element #1 compared to #2 is $s \sin b$. A wideband null is created in the combined antenna pattern when the cable delay difference $(L2-L1) = s \sin b$ and the hybrid is a subtractive combiner. Instead, the phase may be inverted at the element (by transposing the feedline) and a common additive combiner may be used.

In the general case, a broadband null is produced for constant b , the locus of which is a cone centered on the axis between elements. The simplest case is an Adcock array, where $L1=L2$ and a null is produced for $b=0^\circ$ (and 180°). This configuration has the advantage of producing the null at a constant azimuth for all elevation angles. Figure 2 shows the relative pattern for a 2-element Adcock array for a spacing of 0.3 wavelength.

Adcock 2-el array
w/Broadside nulls

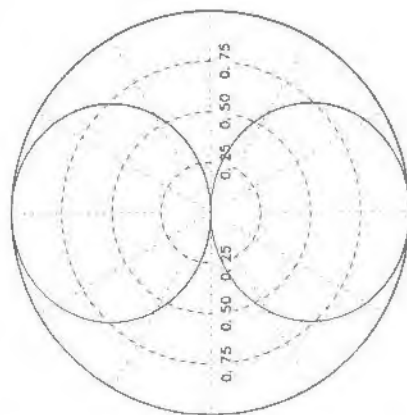


Fig. 2 Voltage Pattern of 2-element Adcock array

Western TV DX concludes

A pattern with a single null may be obtained when the feedlines differ in electrical length by the spacing s . This pattern is plotted in Figure 3.

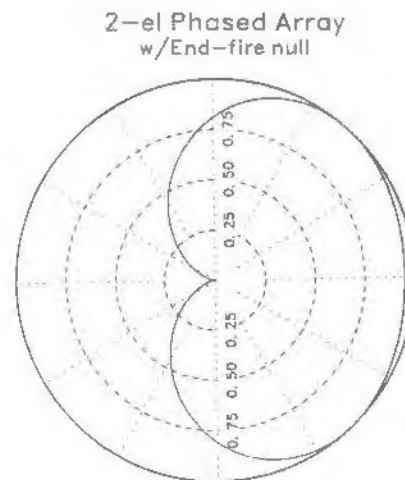


Fig. 3 Voltage Pattern of 2-el unidirectional array

In order that the voltages from the elements at the hybrid be equal, each element must see an identical load impedance. If the feedlines are not of equal length, they must be terminated in their characteristic impedance. A hybrid combiner fills this function, just make sure to use a 70 ohm combiner with 70 ohm cable, etc. Note that the elements are not necessarily matched to the feedlines, they just see the same load. If the cables are the same length then they don't have to be terminated perfectly.

Note that this pattern is a cardioid with a single null, at one azimuth and at 0° elevation. The cable lengths could be cut to produce a null in a cone 10° away from the axis between array elements. Then, at 0° elevation angle, nulls would be at 80° and 100° azimuth and at 10° elevation angle and 90° azimuth. The cable lengths can also be switched to provide a null in the opposite direction. Due to coupling between the elements, it is difficult to get a null greater than 20-30 dB with this (unidirectional) type of array, and so we will not consider it further.

The patterns of Figure 2 and 3 are voltage patterns. 0.5 is equal to 6 dB down, 0.25 is equal to 12 dB down. We are more interested in the behaviour of the nulls beyond -20 dB. Figure 4 shows a plot of the 2-element Adcock antenna in dB relative to the maximum in the vicinity of one of the nulls for three values of element spacing, 0.1, 0.3, and 0.5 wavelengths.

(The solid line is for 0.1 wavelength spacing). The width of a 40 dB null is only $\pm 1^\circ$. As it is difficult to get pointing accuracy this great (and for other reasons) in practice we may have to trim amplitude and line length (or use more elements) to do better.

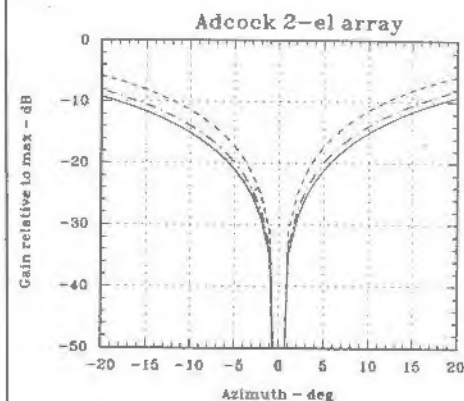


Fig. 4. dB plot of Adcock array in vicinity of null.

We have not gone into construction details of the Adcock-type 2-element array. Its elements are usually vertically-polarized. The element polarization adds some rejection of local stations and those propagated by tropo vs those propagated by ionospheric modes. Since most low-band VHF TV stations are primarily horizontally-polarized, pickup by the feedline connecting the elements to the combiner can be a problem. One version of the Adcock uses open wire feedline between the elements with a transposition. The Adcock does not require a hybrid as the lines are of equal length, but care must be taken to balance out the voltages induced in the feedlines. Another version of the Adcock places the feedlines inside a shield (Fig. 5).

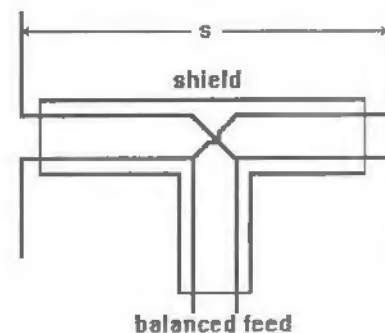


Fig. 5 Side view of shielded Adcock array

EASTERN TVDX

WILLIS MONK - WB5KHD P.O. BOX 1452 COLLEGE DALE, TN 37315

Hello to one and all. It's time once again for another episode of Eastern TVDX. (Read this and imagine a organ playing a funeral dirge in the background as in the days of old radio soapoperas) Today as our column opens we see Ye Olde Editor hard at work, with beads of perspiration falling from his brow and a worried look on his face hoping to be able to bet the dead line set upon him by the evil taskmaster. Trying to decipher the hand writing of the many reports that are sent in each month, he becomes weak with discouragement. However he continues to slave over a hot computer and battling against the evil that lurks within it's circuits. But, never fear, Ye Olde Editor is filled with dedication, loyalty and faithfull to the task as he rises to the thankfulness of the job.

Will He be able to overcome the hardships forced upon him by the evil taskmaster? Will he survive the evil of the computer? Only time can know the truth. But let us pause for this word from our sponsors.....

ROY BARSTOW

Box 2488 Teaticket, Mass 02536

This is a conuauion of Roy's report from the January issue....

SEPTEMBER 96

5	Tr	2100	WHSN-24	MD
			WBOC-16	MD
			WMPT-22	MD
			WCPB-28	MD
			WNUV-54	MD
			WBFF-45	MD
2130		20,26,32	DC	
			WBAL-11	MD
			WJZ-13	MD
			WUSA-9	DC
			W42??	PA
			W42AJ	DC
2200			WTMW-14	VA
			WMDT-47	MD
			W48AW	DC
2230			WNVC-56	VA

Roy's report continued....

			WTKK-66	VA
		2250	WFPT-62	VA
		2300	WHAG-31	MD
			WLFY-15	PA
		2315	WTF-33	PA
			W46BL	PA
		2315	WLVT-39	PA
		2345	W42AC	VA
			WHTM-27	PA
6	Tr	0100	WMPB-67	MD
		0200	W14BN	VA
			VIDEO STATION 2	
		0245	WHAG-25	MD
		0320	WGPT-36	MD
	Tr	0340	WGAL-8	PA
		0415	WPMT-43	PA
		0445	WHP-21	PA
17	Es	1245	WCBD-2	SC
		1300	WSAV-3	GA
		1915	KTVO-3	MO

OCTOBER 1996

1	Tr	1915	WHYY-12	DE
			WCAU-10	PA
		1925	WVEC-13	VA
		2000	WVTR-20	NY
		2015	WOCB-55	NY
		2100	WRLH-35	VA
			WMTW-14	VA

(Roy please check you log-I thought that WMTW was channel 8 in Poland Springs, Me.)

			WUNP-36	NC
		2300	WRMY-47	NC
		2305	WRDC-28	NC
			W36BK	VA
		2310	WVIR-29	VA
		2315	WTVB-37	???
			WTVB-11	NC
		2320	WWBT-12	VA
		2330	WTKR-3	VA
2	Tr	0005	WBCD-50	DC
			WFPT-62	MD
		0055	WEKW-52	NH
			W15BK	NH
		0225	WWPB-31	MD
		0230	WAVY-10	VA
6	Tr	2300	WENY-36	NY

			WETM-18	NY
7	Tr	0030	WPDE-15	SC
			WRDC-28	NC
		0040	WUNV-31	NC
		0045	WKFT-40	NC
		0055	WNCN-17	NC
		0056	WLFL-22	NC
		0110	WTAT-24	SC
		0202	WWPB-31	MD
			WGPT-36	MD
			WRLH-35	VA

7 SEPTEMBER 1996, cont....

	Tr	0210	WSFX-26	NC
		0230	WXLV-45	NC
		0245	WIPR-21	VA
			WVFT-27	VA
		0300	WCNC-36	NC
			WTVI-42	NC
			WIZY-46	NC
	Tr	0310	WKBS-47	PA
		0320	WSET-13	VA
		0410	WLOQ-25	SC
		0420	WTWB-19	PA
7	Tr	0440	WCCB-18	NC
		0500	WLTX-19	SC
		0525	WRLK-35	SC
		0550	WBRA-15	VA
		0615	WUNE-17	NC
		0655	WSET-13	VA
		0700	WVIR-29	VA
8	Tr	0030	WEKW-52	NH
			W69AD	VT
			WRNN-62	NY
		0100	WMGC-34	NY
			WENY-36	NY
		0145	CKCW-2	NB
		0150	CBCT-13	PEI
		0155	W24BB	PA
		0200	WETM-18	NY
		0215	CH 21 SHOPPING	

SPREE-WEST???

		0230	W65BX-WDMR MA
		0245	38, 56 PA
			/// TEST-LOCAL QUALITY
		0253	WPGH-53 PA
		0300	W19???
		0310	WOIO-19 OH
		0315	WKBN-27 OH
		0320	W14AH NY
		0345	WYTV-33 OH
			WHTM-27 PA
		0410	WSEE-35 PA
		0415	WJET-24 PA
		0430	WNEO-45 OH
			WGGN-52 OH
		0450	WILF-53 PA
		0510	WHIZ-18 OH

0550 WUPW-36 OH

ROY'S COMMENTS

The Es this season was one of the best in many years. Eric Voytko sums it up best when he says "it was raining Es" in July. With all the storms, we in the east were loaded with Es, while out in the west with dry weather they didnt fare as well.

Tropos took a vacation in september but came back in october. On the morning of 7 Oct. with tropical storm Josephine in florida, DX was in along the coast to s.e. but did not stay on the coast for long. Inland stuff started coming in and best DX into NC for many years. Florida UHF is nice to pick-up but to tell you the truth I would rather be seeing some inland DX. On the morning of the 8th with the remnants of Josephine around VA another opening to the west was in. The best ever DX to Ohio.

Ohio was coming in at a good level but nothing west of WUPW-36. There was a front located northeast to southwest along the N.W. section of Ohio. This wall I could not penetrate. This was DXers heaven for two nights.

JEFF WOLF

14302 Astrodome Drive, Silver Springs, MD 20906

AUGUST 1996

31	Tr	0500	WXTV-41	NY
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SEPTEMBER 1996

5	Tr	2230	Zero and 20kHz CCI over
			WGAL-8 PA
10	Tr	0915	WPDE-15 SC
			Unid-24
			Unid-31 NC(1)

OCTOBER 1996

2	Tr	0902	zero CCI over WWBT-12
7	Tr	0532	WBRE-28 PA
			zero CCI on
			ch.13,16,25,35
		0542	WTAJ-10 PA(2)

DECEMBER 1996

19	Es	1657	MUF TO CH. 4
		1659	WPBT-2 FL
		1707	WESH-2 FL

(1) Sesame Street zero beat to WWPB-31 MD
(2) ID "Storm Tracker 10" Mention of State College Local news

DAVE NIEMAN

Ho Sta Geh Rd., Rock City, NY 14749

DECEMBER 1996

22	Tr	0829	WTAP-15	WV
		0834	W41AA	WV
		0900	WFWA-39	IN
			WANE-15	IN
		0921	WPTO-14	OH
		0930	WTE-58	IN
		0940	WLKY-32	KY
		0941	WOSU-34	OH
		0945	WKMR-38	KY
		0953	WDRB-41	KY
		0955	WCET-48	OH
		1011	WSTR-64	OH
Tr		1014	WTE-28	OH
		1030	W39AZ	WV
		1037	WKOI-43	IN
		1045	W51BI	OH

DOUG SMITH

1385 Old Clarksville Rd., Pleasant View, Tn 37146

NOVEMBER 1996

18	Tr	2336	WCFT-33	AL
			WBMG-42	AL
			WTTO-21	AL
19	Tr	0706	WIIQ-41	AL
			unID-63 weak religious	
			Miss ETV on 14/18/23	
19	Tr	0718	WLOV-27	MS
		0725	WJTV-12	MS
			WAPT-TV	MS
		0749	WGNX-46	GA
			WUPA-69	GA
			WJSP-28	GA
		0819	WHSG-63	GA

DECEMBER 1996

6	Es	1700	MUF TO CH 4	
8	Es	1900	unID 2,3 MEXICO	
10	Tr	0852	WLBT-3	MS
			WTVA-9	MS
			WVIM-13	AL
			WAPT-16	MS
			WMAU-17	MS
			WLOV-27	MS
			WMPN-29	MS
			WIIQ-41	AL
			WBMG-42	AL
			WTTO-21	AL
			WCFT-33	AL
			WJSU-40	AL

Doug's report cont.....

(WNAL-44 NOT SEEN, OFF???)

		0916	WBIQ-10	AL
			WHSG-63	GA

WILLIS MONK

Box 1452 Collegedale, Tn

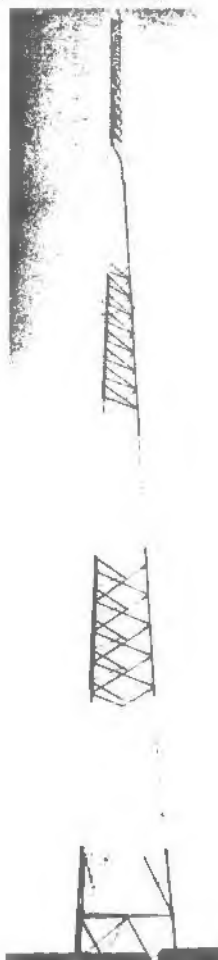
JANUARY 1997

2	Tr	2330	KATV-7	AR
			WLOS-13	NC
		0000	WREG-3	TN

COVERING THE LOCAL CH 3

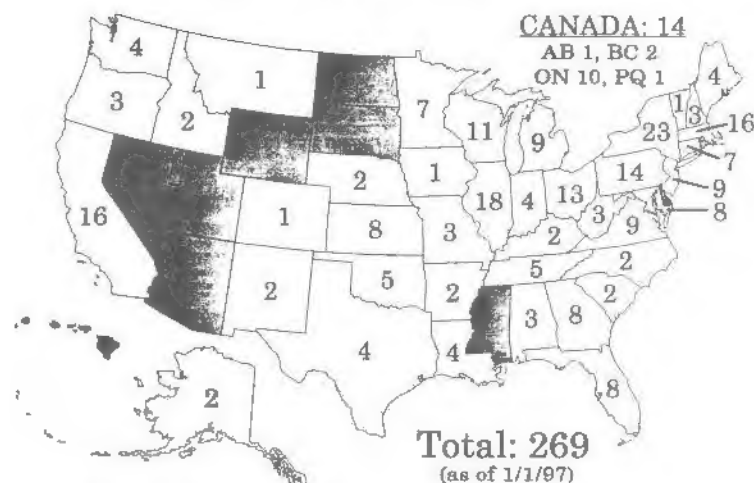
			KTVE-10	AR
			WAPF-4	SC

KATV-7 WAS CARRING THE SUGAR BOWL WITH 8-9 SIGNAL ALMOST BETTER THAN THE LOCAL ABC STATION..



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